

MAJOR SOURCE OPERATING PERMIT

Permitee: **Michelin North America, Inc.**
Facility Name: **Michelin North American, Inc.**
Facility No.: 604-0009
Location: Dothan, Alabama

In accordance with and subject to the provisions of the Alabama Air Pollution Control Act of 1971, as amended, Ala. Code §§22-28-1 to 22-28-23 (2006 Rplc. Vol. and 2007 Cum. Supp.) (the "AAPCA") and the Alabama Environmental Management Act, as amended, Ala. Code §§22-22A-1 to 22-22A-15 (2006 Rplc. Vol. and 2007 Cum. Supp.), and rules and regulations adopted thereunder, and subject further to the conditions set forth in this permit, the Permittee is hereby authorized to construct, install and use the equipment, device or other article described above.

*Pursuant to the **Clean Air Act of 1990**, all conditions of this permit are federally enforceable by EPA, the Alabama Department of Environmental Management, and citizens in general. Those provisions which are not required under the **Clean Air Act of 1990** are considered to be state permit provisions and are not federally enforceable by EPA and citizens in general. Those provisions are contained in separate sections of this permit.*

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General Permit Provisos

Federally Enforceable Provisos	Regulations
<p>1. <u>Transfer</u></p> <p>This permit is not transferable, whether by operation of law or otherwise, either from one location to another, from one piece of equipment to another, or from one person to another, except as provided in Rule 335-3-16-.13(1)(a)5.</p> <p>2. <u>Renewals</u></p> <p>An application for permit renewal shall be submitted at least six (6) months, but not more than eighteen (18) months, before the date of expiration of this permit.</p> <p>The source for which this permit is issued shall lose its right to operate upon the expiration of this permit unless a timely and complete renewal application has been submitted within the time constraints listed in the previous paragraph.</p> <p>3. <u>Severability Clause</u></p> <p>The provisions of this permit are declared to be severable and if any section, paragraph, subparagraph, subdivision, clause, or phrase of this permit shall be adjudged to be invalid or unconstitutional by any court of competent jurisdiction, the judgment shall not affect, impair, or invalidate the remainder of this permit, but shall be confined in its operation to the section, paragraph, subparagraph, subdivision, clause, or phrase of this permit that shall be directly involved in the controversy in which such judgment shall have been rendered.</p> <p>4. <u>Compliance</u></p> <p>(a) The permittee shall comply with all conditions of ADEM Admin. Code 335-3. Noncompliance with this permit will constitute a violation of the Clean Air Act of 1990 and ADEM Admin. Code 335-3 and may result in an enforcement action; including but not limited to, permit termination, revocation and reissuance, or modification; or denial of a permit renewal application by the permittee.</p> <p>(b) The permittee shall not use as a defense in an enforcement action that maintaining compliance with conditions of this permit would have required halting or reducing the permitted activity.</p>	<p>Rule 335-3-16-.02(6)</p> <p>Rule 335-3-16-.12(2)</p> <p>Rule 335-3-16-.05(e)</p> <p>Rule 335-3-16-.05(f)</p> <p>Rule 335-3-16-.05(g)</p>

General Permit Provisos

Federally Enforceable Provisos	Regulations
<p>5. <u>Termination for Cause</u></p> <p>This permit may be modified, revoked, reopened, and reissued, or terminated for cause. The filing of a request by the permittee for a permit modification, revocation and reissuance, or termination, or of a notification of planned changes or anticipated noncompliance will not stay any permit condition.</p> <p>6. <u>Property Rights</u></p> <p>The issuance of this permit does not convey any property rights of any sort, or any exclusive privilege.</p> <p>7. <u>Submission of Information</u></p> <p>The permittee must submit to the Department, within 30 days or for such other reasonable time as the Department may set, any information that the Department may request in writing to determine whether cause exists for modifying, revoking and reissuing, or terminating this permit or to determine compliance with this permit. Upon receiving a specific request, the permittee shall also furnish to the Department copies of records required to be kept by this permit.</p> <p>8. <u>Economic Incentives, Marketable Permits, and Emissions Trading</u></p> <p>No permit revision shall be required, under any approved economic incentives, marketable permits, emissions trading and other similar programs or processes for changes that are provided for in this permit.</p> <p>9. <u>Certification of Truth, Accuracy, and Completeness:</u></p> <p>Any application form, report, test data, monitoring data, or compliance certification submitted pursuant to this permit shall contain certification by a responsible official of truth, accuracy, and completeness. This certification shall state that, based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate and complete.</p> <p>10. <u>Inspection and Entry</u></p>	<p>Rule 335-3-16-.05(h)</p> <p>Rule 335-3-16-.05(i)</p> <p>Rule 335-3-16-.05(j)</p> <p>Rule 335-3-16-.05(k)</p> <p>Rule 335-3-16-.07(a)</p>

General Permit Provisos

Federally Enforceable Provisos	Regulations
<p>Upon presentation of credentials and other documents as may be required by law, the permittee shall allow authorized representatives of the Alabama Department of Environmental Management and EPA to conduct the following:</p> <ul style="list-style-type: none"> (a) Enter upon the permittee's premises where a source is located or emissions-related activity is conducted, or where records must be kept pursuant to the conditions of this permit; (b) Review and/or copy, at reasonable times, any records that must be kept pursuant to the conditions of this permit; (c) Inspect, at reasonable times, this facility's equipment (including monitoring equipment and air pollution control equipment), practices, or operations regulated or required pursuant to this permit; (d) Sample or monitor, at reasonable times, substances or parameters for the purpose of assuring compliance with this permit or other applicable requirements. 	<p>Rule 335-3-16-.07(b)</p>
<p>11. <u>Compliance Provisions</u></p> <ul style="list-style-type: none"> (a) The permittee shall continue to comply with the applicable requirements with which the company has certified that it is already in compliance. (b) The permittee shall comply in a timely manner with applicable requirements that become effective during the term of this permit. 	<p>Rule 335-3-16-.07(c)</p>
<p>12. <u>Compliance Certification</u></p> <p>A compliance certification covering the reporting period between September 1st and August 31st of each calendar year shall be submitted to the Department no later than October 31st of each calendar year.</p> <ul style="list-style-type: none"> (a) The compliance certification shall include the following: <ul style="list-style-type: none"> (1) The identification of each term or condition of this permit that is the basis of the certification; (2) The compliance status; 	<p>Rule 335-3-16-.07(e)</p>

General Permit Provisos

Federally Enforceable Provisos	Regulations
<p>(3) The method(s) used for determining the compliance status of the source, currently and over the reporting period consistent with Rule 335-3-16-.05(c) (Monitoring and Recordkeeping Requirements);</p> <p>(4) Whether compliance has been continuous or intermittent;</p> <p>(5) Such other facts as the Department may require to determine the compliance status of the source;</p> <p>(b) The compliance certification shall be submitted to:</p> <p style="padding-left: 40px;">Alabama Department of Environmental Management Air Division P.O. Box 301463 Montgomery, AL 36130-1463</p> <p style="padding-left: 80px;">and to:</p> <p style="padding-left: 40px;">Air and EPCRA Enforcement Branch EPA Region IV 61 Forsyth Street, SW Atlanta, GA 30303</p>	
<p>13. <u>Reopening for Cause</u></p> <p>Under any of the following circumstances, this permit will be reopened prior to the expiration of the permit:</p> <p>(a) Additional applicable requirements under the Clean Air Act of 1990 become applicable to the permittee with a remaining permit term of three (3) or more years. Such a reopening shall be completed not later than eighteen (18) months after promulgation of the applicable requirement. No such reopening is required if the effective date of the requirement is later than the date on which this permit is due to expire.</p> <p>(b) Additional requirements (including excess emissions requirements) become applicable to an affected source under the acid rain program. Upon approval by the Administrator, excess emissions offset plans shall be deemed to be incorporated into this permit.</p>	<p>Rule 335-3-16-.13(5)</p>

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<p>(c) The Department or EPA determines that this permit contains a material mistake or that inaccurate statements were made in establishing the emissions standards or other terms or conditions of this permit.</p> <p>(d) The Administrator or the Department determines that this permit must be revised or revoked to assure compliance with the applicable requirements.</p>	
<p>14. <u>Additional Rules and Regulations</u></p> <p>This permit is issued on the basis of Rules and Regulations existing on the date of issuance. In the event additional Rules and Regulations are adopted, it shall be the permit holder's responsibility to comply with such rules.</p>	<p>§22-28-16(d), Code of Alabama 1975, as amended</p>
<p>15. <u>Equipment Maintenance or Breakdown</u></p> <p>(a) In the case of shutdown of air pollution control equipment (which operates pursuant to any permit issued by the Director) for necessary scheduled maintenance, the intent to shut down such equipment shall be reported to the Director at least twenty-four (24) hours prior to the planned shutdown, unless such shutdown is accompanied by the shutdown of the source which such equipment is intended to control. Such prior notice shall include, but is not limited to the following:</p> <ol style="list-style-type: none"> (1) Identification of the specific facility to be taken out of service as well as its location and permit number; (2) The expected length of time that the air pollution control equipment will be out of service; (3) The nature and quantity of emissions of air contaminants likely to occur during the shutdown period; (4) Measures such as the use of off-shift labor and equipment that will be taken to minimize the length of the shutdown period; (5) The reasons that it would be impossible or impractical to shut down the source operation during the maintenance period. 	<p>Rule 335-3-1-.07(1), (2)</p>

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<p>(b) In the event that there is a breakdown of equipment or upset of process in such a manner as to cause, or is expected to cause, increased emissions of air contaminants which are above an applicable standard, the person responsible for such equipment shall notify the Director within 24 hours or the next working day and provide a statement giving all pertinent facts, including the estimated duration of the breakdown. The Director shall be notified when the breakdown has been corrected.</p>	
<p>16. <u>Operation of Capture and Control Devices</u></p> <p>All air pollution control devices and capture systems for which this permit is issued shall be maintained and operated at all times in a manner so as to minimize the emissions of air contaminants. Procedures for ensuring that the above equipment is properly operated and maintained so as to minimize the emission of air contaminants shall be established.</p>	<p>§22-28-16(d), Code of Alabama 1975, as amended</p>
<p>17. <u>Obnoxious Odors</u></p> <p>This permit is issued with the condition that, should obnoxious odors arising from the plant operations be verified by Air Division inspectors, measures to abate the odorous emissions shall be taken upon a determination by the Alabama Department of Environmental Management that these measures are technically and economically feasible.</p>	<p>Rule 335-3-1-.08</p>
<p>18. <u>Fugitive Dust</u></p> <p>(a) Precautions shall be taken to prevent fugitive dust emanating from plant roads, grounds, stockpiles, screens, dryers, hoppers, ductwork, etc.</p> <p>(b) Plant or haul roads and grounds will be maintained in the following manner so that dust will not become airborne. A minimum of one, or a combination, of the following methods shall be utilized to minimize airborne dust from plant or haul roads and grounds:</p> <p>(1) By the application of water any time the surface of the road is sufficiently dry to allow the creation of dust emissions by the act of wind or vehicular traffic;</p>	<p>Rule 335-3-4-.02</p>

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<p>(2) By reducing the speed of vehicular traffic to a point below that at which dust emissions are created;</p> <p>(3) By paving;</p> <p>(4) By the application of binders to the road surface at any time the road surface is found to allow the creation of dust emissions;</p> <p>Should one, or a combination, of the above methods fail to adequately reduce airborne dust from plant or haul roads and grounds, alternative methods shall be employed, either exclusively or in combination with one or all of the above control techniques, so that dust will not become airborne. Alternative methods shall be approved by the Department prior to utilization.</p> <p>19. <u>Additions and Revisions</u></p> <p>Any modifications to this source shall comply with the modification procedures in Rules 335-3-16-.13 or 335-3-16-.14.</p> <p>20. <u>Recordkeeping Requirements</u></p> <p>(a) Records of required monitoring information of the source shall include the following:</p> <p>(1) The date, place, and time of all sampling or measurements;</p> <p>(2) The date analyses were performed;</p> <p>(3) The company or entity that performed the analyses;</p> <p>(4) The analytical techniques or methods used;</p> <p>(5) The results of all analyses; and</p> <p>(6) The operating conditions that existed at the time of sampling or measurement.</p>	<p></p> <p>Rule 335-3-16-.13 and .14</p> <p>Rule 335-3-16-.05(c)2.</p>

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<p>(b) Retention of records of all required monitoring data and support information of the source for a period of at least 5 years from the date of the monitoring sample, measurement, report, or application. Support information includes all calibration and maintenance records and all original strip-chart recordings for continuous monitoring instrumentation and copies of all reports required by the permit</p>	
<p>21. <u>Reporting Requirements</u></p> <p>(a) Reports to the Department of any required monitoring shall be submitted at least every 6 months. All instances of deviations from permit requirements must be clearly identified in said reports. All required reports must be certified by a responsible official consistent with Rule 335-3-16-.04(9).</p> <p>(b) Deviations from permit requirements shall be reported within 48 hours or 2 working days of such deviations, including those attributable to upset conditions as defined in the permit. The report will include the probable cause of said deviations, and any corrective actions or preventive measures that were taken.</p>	<p>Rule 335-3-16-.05(c)3.</p>
<p>22. <u>Emission Testing Requirements</u></p> <p>Each point of emission which requires testing will be provided with sampling ports, ladders, platforms, and other safety equipment to facilitate testing performed in accordance with procedures established by Part 60 of Title 40 of the Code of Federal Regulations, as the same may be amended or revised.</p> <p>The Air Division must be notified in writing at least 10 days in advance of all emission tests to be conducted and submitted as proof of compliance with the Department's air pollution control rules and regulations.</p> <p>To avoid problems concerning testing methods and procedures, the following shall be included with the notification letter:</p> <p>(1) The date the test crew is expected to arrive, the date and time anticipated of the start of the first run, how many and which sources are to be tested, and the names of the persons and/or testing company that will conduct the tests.</p>	<p>Rule 335-3-1-.05(3) and Rule 335-3-1-.04(1)</p> <p>Rule 335-3-1-.04</p>

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<p>(2) A complete description of each sampling train to be used, including type of media used in determining gas stream components, type of probe lining, type of filter media, and probe cleaning method and solvent to be used (if test procedures require probe cleaning).</p> <p>(3) A description of the process(es) to be tested including the feed rate, any operating parameters used to control or influence the operations, and the rated capacity.</p> <p>(4) A sketch or sketches showing sampling point locations and their relative positions to the nearest upstream and downstream gas flow disturbances.</p> <p>A pretest meeting may be held at the request of the source owner or the Air Division. The necessity for such a meeting and the required attendees will be determined on a case-by-case basis.</p> <p>All test reports must be submitted to the Air Division within 30 days of the actual completion of the test unless an extension of time is specifically approved by the Air Division.</p>	<p>Rule 335-3-1-.04</p>
<p>23. <u>Payment of Emission Fees</u></p> <p>Annual emission fees shall be remitted each year according to the fee schedule in ADEM Admin. Code R. 335-1-7-.04.</p>	<p>Rule 335-1-7-.04</p>
<p>24. <u>Other Reporting and Testing Requirements</u></p> <p>Submission of other reports regarding monitoring records, fuel analyses, operating rates, and equipment malfunctions may be required as authorized in the Department's air pollution control rules and regulations. The Department may require emission testing at any time.</p> <p>25. <u>Title VI Requirements (Refrigerants)</u></p>	<p>Rule 335-3-1-.04(1)</p>

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<p>Any facility having appliances or refrigeration equipment, including air conditioning equipment, which use Class I or Class II ozone-depleting substances as listed in 40 CFR Part 82, Subpart A, Appendices A and B, shall service, repair, and maintain such equipment according to the work practices, personnel certification requirements, and certified recycling and recovery equipment specified in 40 CFR Part 82, Subpart F.</p> <p>No person shall knowingly vent or otherwise release any Class I or Class II substance into the environment during the repair, servicing, maintenance, or disposal of any device except as provided in 40 CFR Part 82, Subpart F.</p> <p>The responsible official shall comply with all reporting and recordkeeping requirements of 40 CFR 82.166. Reports shall be submitted to the US EPA and the Department as required.</p>	40 CFR Part 82
<p>26. <u>Chemical Accidental Prevention Provisions</u></p> <p>If a chemical listed in Table 1 of 40 CFR Part 68.130 is present in a process in quantities greater than the threshold quantity listed in Table 1, then:</p> <ul style="list-style-type: none"> (a) The owner or operator shall comply with the provisions in 40 CFR Part 68. (b) The owner or operator shall submit one of the following: <ul style="list-style-type: none"> (1) A compliance schedule for meeting the requirements of 40 CFR Part 68 by the date provided in 40 CFR Part 68 § 68.10(a) or, (2) A certification statement that the source is in compliance with all requirements of 40 CFR Part 68, including the registration and submission of the Risk Management Plan. 	40 CFR Part 68
<p>27. <u>Display of Permit</u></p> <p>This permit shall be kept under file or on display at all times at the site where the facility for which the permit is issued is located and will be made readily available for inspection by any or all persons who may request to see it.</p>	Rule 335-3-14-.01(1)(d)
<p>28. <u>Circumvention</u></p>	

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Federally Enforceable Provisos	Regulations
<p>No person shall cause or permit the installation or use of any device or any means which, without resulting in reduction in the total amount of air contaminant emitted, conceals or dilutes any emission of air contaminant which would otherwise violate the Division 3 rules and regulations.</p>	Rule 335-3-1-.10
<p>29. <u>Visible Emissions</u></p>	
<p>Unless otherwise specified in the Unit Specific provisos of this permit, any source of particulate emissions shall not discharge more than one 6-minute average opacity greater than 20% in any 60-minute period. At no time shall any source discharge a 6-minute average opacity of particulate emissions greater than 40%. Opacity will be determined by 40 CFR Part 60, Appendix A, Method 9, unless otherwise specified in the Unit Specific provisos of this permit.</p>	Rule 335-3-4-.01(1)
<p>30. <u>Fuel-Burning Equipment</u></p>	
<p>(a) Unless otherwise specified in the Unit Specific provisos of this permit, no fuel-burning equipment may discharge particulate emissions in excess of the emissions specified in Part 335-3-4-.03.</p>	Rule 335-3-4-.03
<p>(b) Unless otherwise specified in the Unit Specific provisos of this permit, no fuel-burning equipment may discharge sulfur dioxide emissions in excess of the emissions specified in Part 335-3-5-.01.</p>	Rule 335-3-5-.01
<p>31. <u>Process Industries – General</u></p>	
<p>Unless otherwise specified in the Unit Specific provisos of this permit, no process may discharge particulate emissions in excess of the emissions specified in Part 335-3-4-.04.</p>	Rule 335-3-4-.04
<p>32. <u>Averaging Time for Emission Limits</u></p>	
<p>Unless otherwise specified in the permit, the averaging time for the emission limits listed in this permit shall be the nominal time required by the specific test method.</p>	Rule 335-3-1-.05

Summary Page for Milling, Cutting, Joining, and Complexing

Permitted Operating Schedule: 24 Hrs/day x 7 Days/week x 52 Weeks/yr = 8760 Hrs/yr

Emission limitations:

Emission Point #	Description	Pollutant	Emission limit	Regulation
EU001	Milling, Cutting, Joining, and Complexing Equipment (EB3, BIS Mill, Joiners, Cutters, Decomplexing Equipment, Complexing Equipment)	VOC	N/A	N/A
EU001	Milling, Cutting, Joining, and Complexing Equipment (EB3, BIS Mill, Joiners, Cutters, Decomplexing Equipment, Complexing Equipment)	HAP	N/A	N/A

Provisos for Milling, Cutting, Joining, and Complexing

Federally Enforceable Provisos	Regulations
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<u>Applicability</u>	
1. These sources are subject to the applicable requirements of ADEM Admin. Code R. 335-3-16-.03, " <i>Major Source Operating Permits</i> ".	ADEM Admin. Code R. 335-3-16-.03
<u>Emission Standards</u>	
1. There are no unit specific emissions standards associated with this unit.	N/A
<u>Compliance and Performance Test Methods and Procedures</u>	
1. There are no compliance and performance test methods or procedures which apply to this unit.	N/A
<u>Emission Monitoring</u>	
1. There are no unit specific emissions monitoring requirements applicable to this unit.	N/A
<u>Recordkeeping and Reporting Requirements</u>	
1. There are no unit specific recordkeeping or reporting requirements applicable to this unit.	N/A

Summary Page for Extruding and Associated Milling

Permitted
Operating Schedule: 24 Hrs/day x 7 Days/week x 52 Weeks/yr = 8760 Hrs/yr

Emission limitations:

Emission Point #	Description	Pollutant	Emission limit	Regulation
EU002	Extruding and Associated Milling (BD3, BD4, and BD5)	VOC	N/A	N/A
EU002	Extruding and Associated Milling (BD3, BD4, and BD5)	HAP	N/A	N/A

Provisos for Extruding and Associated Milling

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<u>Applicability</u>	
1. These sources are subject to the applicable requirements of ADEM Admin. Code R. 335-3-16-.03, " <i>Major Source Operating Permits</i> ".	ADEM Admin. Code R. 335-3-16-.03
<u>Emission Standards</u>	
1. There are no unit specific emissions standards associated with this unit.	N/A
<u>Compliance and Performance Test Methods and Procedures</u>	
1. There are no compliance and performance test methods or procedures which apply to this unit.	N/A
<u>Emission Monitoring</u>	
1. There are no unit specific emissions monitoring requirements applicable to this unit.	N/A
<u>Recordkeeping and Reporting Requirements</u>	
1. There are no unit specific recordkeeping or reporting requirements applicable to this unit.	N/A

Summary Page for BD1 Extruding with Undertread Cementing and Boiler Incineration

**Permitted
Operating Schedule:** 24 Hrs/day x 7 Days/week x 52 Weeks/yr = 8760 Hrs/yr

Emission limitations:

Emission Point #	Description	Pollutant	Emission limit	Regulation
EU002	BD1 Extruding with Undertread Cementing and Boiler Incineration	VOC	N/A	N/A
EU002	BD1 Extruding with Undertread Cementing and Boiler Incineration	HAP	N/A	N/A

Provisos for BD1 Extruding with Undertread Cementing and Boiler Incineration

Federally Enforceable Provisos	Regulations
<hr/>	
<u>Applicability</u>	
1. This process is subject to the applicable requirements of ADEM Admin. Code R. 335-3-16-.03, " <i>Major Source Operating Permits</i> ".	ADEM Admin. Code R. 335-3-16-.03
<u>Emission Standards</u>	
1. There are no unit specific emissions standards associated with this unit.	N/A
<u>Compliance and Performance Test Methods and Procedures</u>	
1. There are no compliance and performance test methods or procedures which apply to this unit.	N/A
<u>Emission Monitoring</u>	
1. There are no unit specific emissions monitoring requirements applicable to this unit.	N/A
<u>Recordkeeping and Reporting Requirements</u>	
1. There are no unit specific recordkeeping or reporting requirements applicable to this unit.	N/A

Summary Page for BD2 Extruding with Undertread Cementing and Boiler Incineration

Permitted Operating Schedule: 24 Hrs/day x 7 Days/week x 52 Weeks/yr = 8760 Hrs/yr

Emission limitations:

Emission Point #	Description	Pollutant	Emission limit	Regulation
EU003	BD2 Extruding with Undertread Cementing and Boiler Incineration	VOC	39.5 TPY	ADEM Admin. Code R. 335-3-14-.04 (Anti-PSD)
EU003	BD2 Extruding with Undertread Cementing and Boiler Incineration	VOC	See 40 CFR 60.542(a)(1)	40 CFR 60 Subpart BBB
EU003	BD2 Extruding with Undertread Cementing and Boiler Incineration	HAP	N/A	N/A

Provisos for BD2 Extruding with Undertread Cementing and Boiler Incineration

Federally Enforceable Provisos	Regulations
<u>Applicability</u>	
1. This source is subject to the applicable requirements of ADEM Admin. Code R. 335-3-16-.03, <i>"Major Source Operating Permits"</i>	ADEM Admin. Code R. 335-3-16-.03
2. This unit has enforceable limits in place in order to prevent it from being subject to the provisions of ADEM Admin. Code R. 335-3-14-.04. <i>"Air Permits Authorizing Construction in Clean Air Areas [Prevention of Significant Deterioration]"</i> .	ADEM Admin. Code R. 335-3-14-.04 Anti-PSD
3. The undertread cementing portion of this unit is subject to the applicable provisions of 40 CFR 60 Subpart BBB, <i>"Standards of Performance for the Rubber Tire Manufacturing Industry"</i> .	40 CFR 60 Subpart BBB §60.540
4. The undertread cementing portion of this unit is subject to the applicable provisions of 40 CFR 60 Subpart A, <i>"General Provisions"</i> .	40 CFR 60 Subpart A
<u>Emission Standards</u>	
1. Each undertread cementing operation shall comply with the following conditions:	40 CFR 60 Subpart BBB §60.542(a)(1)
(a) Discharge into the atmosphere no more than 25 percent of the VOC used (75 percent emission reduction) for each month; or	
(b) Maintain total (uncontrolled) VOC use less than or equal to the levels specified below, depending upon the duration of the compliance period:	
(1) 3,870 kg (8,531 lb) of VOC per 28 days,	
(2) 4,010 kg (8,846 lb) of VOC per 29 days,	
(3) 4,150 kg (9,149 lb) of VOC per 30 days,	
(4) 4,280 kg (9,436 lb) of VOC per 31 days, or	
(5) 4,840 kg (10,670 lb) of VOC per 35 days.	
2. Total VOC emissions from this process shall not exceed 39.5 tons during any consecutive twelve (12) month period.	ADEM Admin. Code R. 335-3-14-.04 Anti-PSD

Federally Enforceable Provisos	Regulations
<p>3. VOC emissions from this unit shall be captured and incinerated in one of the permitted boilers. The BD2 undertread cementing operations shall demonstrate an overall VOC reduction of at least forty (40.0%) percent.</p>	<p>ADEM Admin. Code R. 335-3-14-.04 Anti-PSD</p>
<p><u>Compliance and Performance Test Methods and Procedures</u></p>	
<p>1. The owner or operator of an affected facility who elects to use a VOC emission reduction system with a control device that destroys VOC (e.g., incinerator), as described under paragraphs (f) and (g) of this section, shall repeat the performance test when directed by the Administrator or when the owner or operator elects to operate the capture system or control device at conditions different from the most recent determination of overall reduction efficiency. The performance test shall be conducted in accordance with the procedures described under paragraphs (f)(2) (i) through (iv) of this section.</p>	<p>40 CFR 60 Subpart BBB §60.543(b)(2)</p>
<p>2. Within 90 calendar days after electing to operate the capture or control device at conditions different from the most recent determination of overall reduction efficiency, the owner or operator of this facility shall conduct performance tests. Performance tests shall be conducted to show compliance with the VOC standards. Compliance with the VOC standards shall be determined by conducting performance tests in accordance with 40 CFR 60 Appendix A Reference Method 25</p>	<p>ADEM Admin. Code R. 335-3-16-.05</p>
<p>3. For each undertread cementing operation, the following procedure shall be used to determine compliance with the applicable uncontrolled monthly VOC use limit:</p> <p>(a) Determine the density and weight fraction of VOC in each cement from its formulation data or by analysis of the cement using Method 24.</p> <p>(b) Calculate the total mass of VOC used at the affected facility for the month (M_0) using the following procedure:</p> <p>i. For each facility for which cement is delivered in batch or via a distribution system that serves only the affected facility</p>	<p>40 CFR 60 Subpart BBB §60.543(c)</p> <p>40 CFR 60 Subpart BBB §60.543(c)(1)</p> <p>40 CFR 60 Subpart BBB §60.543(c)(2)</p> <p>40 CFR 60 Subpart BBB §60.543(c)(2)(i)</p>
$M_0 = \sum_{i=1}^a L_{c_i} D_{c_i} W_{0_i}$	

Federally Enforceable Provisos	Regulations
<p>Where:</p> <p>a = the different number of cements used during the month L_c = volume of cement used during the for a month D_c = density of cement used W_o = weight fraction of VOC in a cement</p> <p>(c) Determine the time duration of the monthly compliance period (T_d) cemented for the month</p> <p>4. For each undertread cementing operation that uses a VOC emission reduction system with a control device that destroys VOC (e.g., incinerator), the owner or operator shall use the following procedure to determine compliance with the percent emission reduction requirement specified under §60.542 (a) (1)(i), (2)(i), (6)(i), (7)(iii), (8)(i), (9)(i), and (10)(i).</p> <p>(a) The performance test shall be repeated during conditions described under §60.543 (b)(2). No monthly performance tests are required.</p> <p>5. Each owner or operator of an affected facility who initially elected to be subject to the applicable percent emission reduction requirement specified under §60.542(a)(1)(i), (2)(i), (6)(i), (7)(iii), (8)(i), (9)(i), or (10)(i) and who later seeks to comply with the applicable total (uncontrolled) monthly VOC use limit specified under §60.542(a)(1)(ii), (2)(ii), (6)(ii), (7)(iv), (8)(ii), (9)(ii), or (10)(ii) shall demonstrate, using the procedures described under §60.543 (c), that the total VOC use at the affected facility has not exceeded the applicable total (uncontrolled) monthly VOC use limit during each of the last 6 months of operation. The owner or operator shall be subject to the applicable percent emission reduction requirement until the conditions of this paragraph and §60.546(h) are satisfied.</p> <p>6. The density and weight fraction of VOC in each cement shall be determined from its formulation data or by analysis of the cement using Method 24 or 40 CFR 60, Appendix A.</p> <p>7. If testing is required, volatile organic compound (VOC) emissions shall be determined in accordance with Method 25 of 40 CFR 60, Appendix A.</p> <p>8. Controlled VOC emissions from this unit shall be determined by applying the overall VOC reduction factor determined during source testing to total VOC usage.</p>	<p>40 CFR 60 Subpart BBB §60.543(c)(3)</p> <p>40 CFR 60 Subpart BBB §60.543(g)(1)</p> <p>40 CFR 60 Subpart BBB §60.543(k)</p> <p>40 CFR 60 Subpart BBB §60.547(a)(1)</p> <p>40 CFR 60 Subpart BBB §60.547(a)(2)</p> <p>ADEM Admin. Code R. 335-3-16-.05</p>
<u>Emission Monitoring</u>	

Federally Enforceable Provisos	Regulations
<ol style="list-style-type: none"> 1. The permittee shall conduct biennial (every two years) source testing on one boiler each term in order to demonstrate overall average VOC reduction. 2. As an alternative to biennial testing, the permittee shall conduct initial testing on one boiler in order to demonstrate overall VOC reduction along with the operation of anemometers or some other comparable Department approved method to monitor the capture system operation. 3. Any alternative monitoring system must be approved by the Department. 4. Each owner or operator shall calibrate, maintain, and operate according to manufacturer's specifications, a temperature monitoring device equipped with a continuous recorder for the temperature of the gas stream in the combustion zone of the incinerator (Boilers 1-4). The temperature monitoring device shall have an accuracy of 1 percent of the temperature being measured in °C or ± 0.5 °C, whichever is greater. 	<p>ADEM Admin. Code R. 335-3-16-.05(c)(3)</p> <p>ADEM Admin. Code R. 335-3-16-.05(c)(3)</p> <p>ADEM Admin. Code R. 335-3-16-.05(c)(3)</p> <p>40 CFR 60 Subpart BBB §60.544(a)(1)</p>
<u>Recordkeeping and Reporting Requirements</u>	
<ol style="list-style-type: none"> 1. Records of VOC content of any cements or sprays used in this process shall be kept in a permanent form suitable for inspection and shall be made available to the permitting authority upon request. These records shall be maintained for at least five (5) years from the date of generation. 2. Each owner or operator of an affected facility that uses a thermal incinerator shall maintain continuous records of the temperature of the gas stream in the combustion zone of the incinerator and records of all 3-hour periods of operation for which the average temperature of the gas stream in the combustion zone was more than 28 °C (50 °F) below the combustion zone temperature measured during the most recent determination of the destruction efficiency of the thermal incinerator that demonstrated that the affected facility was in compliance. 3. Each owner or operator that uses a VOC emission reduction system with a control device that destroys VOC to comply with a percent emission reduction requirement specified in this permit, shall report the results of the performance tests required under 40CFR60.543(b)(2). The following data shall be included in the report for each of the performance tests: The emission control device efficiency (E), the capture system efficiency (Fc), and the overall system emission reduction (R). 	<p>ADEM Admin.Code R. 335-3-16-.05(c)(2)</p> <p>40 CFR 60 Subpart BBB §60.545(a)</p> <p>40 CFR 60 Subpart BBB §60.546(c)(4)</p>

Federally Enforceable Provisos	Regulations
4. Each owner or operator shall include the following data measured by the temperature monitoring device, in the report for each performance test specified under 40CFR60.546(c): The average combustion temperature measured at least every 15 minutes and averaged over the performance test period of incinerator destruction efficiency for each thermal incinerator.	40 CFR 60 Subpart BBB §60.546(e)(1)
5. Once every 6 months each owner or operator shall report each 3-hour period of operation for which the average temperature of the gas stream in the combustion zone of a thermal incinerator, as measured by the temperature monitoring device, is more than 28°C (50°F) below the combustion zone temperature measured during the most recent determination of the destruction efficiency of the thermal incinerator that demonstrated that the affected facility was in compliance. If no exceedances occurred during the reporting period then a letter shall be sent indicating that no exceedances occurred	40 CFR 60 Subpart BBB §60.546(f)(4)
6. Records summarizing the monthly VOC emissions from the undertread cementing operation and the number of days in each compliance period shall be kept in a permanent form suitable for inspection and shall be made available to the permitting authority upon request. These records shall be maintained for at least five (5) years from the date of generation.	ADEM Admin. Code R. 335-3-16-.05(c)(2))
7. Records summarizing the rolling twelve (12) month total VOC emissions from this unit shall be kept in a permanent form suitable for inspection and shall be made available to the permitting authority upon request. These records shall be maintained for at least five (5) years from the date of generation.	40 CFR 60 Subpart BBB §60.545(d)
8. Monthly and updated twelve (12) monthly VOC emissions records shall be compiled no later than the tenth (10 th) day of the month following each monthly reporting period.	ADEM Admin. Code R. 335-3-16-.05(c)(2))
9. During any month, twelve (12) month period, or other compliance period during which there is an exceedance of one or more of the permitted emission limits, the Department shall be notified in writing within twenty-four (24) hours of determining the exceedance. The notification shall include the following:	40 CFR 60 Subpart BBB - §60.546(f)(2) and ADEM Admin. Code 335-3-16-.06(c)(3))
(a) Dates covered during the reporting period;	
(b) Amount of VOC used during the reporting period;	
(c) Amount of VOC emitted during the reporting period;	
(d) Description of the cause of the exceedance; and	

Federally Enforceable Provisos**Regulations**

(e) Description of any corrective action taken.

Summary Page for BD6 Extruding with Undertread Cementing and Boiler Incineration

Permitted Operating Schedule: 24 Hrs/day x 7 Days/week x 52 Weeks/yr = 8760 Hrs/yr

Emission limitations:

Emission Point #	Description	Pollutant	Emission limit	Regulation
EU003	BD6 Extruding with Undertread Cementing and Boiler Incineration	VOC	39.5 TPY (in conjunction with P1/1P, P2/2P, and Green Tire Spraying)	ADEM Admin. Code R. 335-3-14-.04 (Anti-PSD)
EU003	BD6 Extruding with Undertread Cementing and Boiler Incineration	VOC	See 40 CFR 60.542(a)(1)	40 CFR 60 Subpart BBB
EU003	BD6 Extruding with Undertread Cementing and Boiler Incineration	HAP	N/A	N/A

Provisos for BD6 Extruding with Undertread Cementing and Boiler Incineration

Federally Enforceable Provisos	Regulations
<u>Applicability</u>	
1. This source is subject to the applicable requirements of ADEM Admin. Code R. 335-3-16-.03, " <i>Major Source Operating Permits</i> "	ADEM Admin. Code R. 335-3-16-.03
2. This unit has enforceable limits in place in order to prevent it from being subject to the provisions of ADEM Admin. Code R. 335-3-14-.04. " <i>Air Permits Authorizing Construction in Clean Air Areas [Prevention of Significant Deterioration]</i> ".	ADEM Admin. Code R. 335-3-14-.04 Anti-PSD
3. The undertread cementing portion of this unit is subject to the applicable provisions of 40 CFR 60 Subpart BBB, " <i>Standards of Performance for the Rubber Tire Manufacturing Industry</i> ".	40 CFR 60 Subpart BBB §60.540
4. The undertread cementing portion of this unit is subject to the applicable provisions of 40 CFR 60 Subpart A, " <i>General Provisions</i> ".	40 CFR 60 Subpart A
<u>Emission Standards</u>	
1. Each undertread cementing operation shall comply with the following conditions:	40 CFR 60 Subpart BBB §60.542(a)(1)
(a) Discharge into the atmosphere no more than 25 percent of the VOC used (75 percent emission reduction) for each month; or	
(b) Maintain total (uncontrolled) VOC use less than or equal to the levels specified below, depending upon the duration of the compliance period:	
(1) 3,870 kg (8,531 lb) of VOC per 28 days,	
(2) 4,010 kg (8,846 lb) of VOC per 29 days,	
(3) 4,150 kg (9,149 lb) of VOC per 30 days,	
(4) 4,280 kg (9,436 lb) of VOC per 31 days, or	
(5) 4,840 kg (10,670 lb) of VOC per 35 days.	
2. Combined total VOC emissions from the Tire Assembly Systems (P1/1P and P2/2P) with Michelin A and Michelin B operation, Rubber Processing with Undertread Cementing (BD6), and the Green Tire Spraying operation with Wet Scrubber shall not exceed 39.5 tons during any consecutive twelve (12) month period.	ADEM Admin. Code R. 335-3-14-.04

Federally Enforceable Provisos	Regulations
<p>3. VOC emissions from this unit shall be captured and incinerated in one of the permitted boilers. The BD6 undertread cementing operations shall demonstrate an overall VOC reduction of at least forty-eight (48.0%) percent.</p>	<p>ADEM Admin. Code R. 335-3-14-.04</p>
<p><u>Compliance and Performance Test Methods and Procedures</u></p>	
<p>1. The owner or operator of an affected facility who elects to use a VOC emission reduction system with a control device that destroys VOC (e.g., incinerator), as described under paragraphs (f) and (g) of this section, shall repeat the performance test when directed by the Administrator or when the owner or operator elects to operate the capture system or control device at conditions different from the most recent determination of overall reduction efficiency. The performance test shall be conducted in accordance with the procedures described under paragraphs (f)(2) (i) through (iv) of this section</p>	<p>40 CFR 60 Subpart BBB §60.543(b)(2)</p>
<p>2. Within 90 calendar days after electing to operate the capture or control device at conditions different from the most recent determination of overall reduction efficiency, the owner or operator of this facility shall conduct performance tests. Performance tests shall be conducted to show compliance with the VOC standards. Compliance with the VOC standards shall be determined by conducting performance tests in accordance with 40 CFR 60 Appendix A Reference Method 25.</p>	<p>ADEM Admin. Code R. 335-3-16-.05</p>
<p>3. For each undertread cementing operation, the following procedure shall be used to determine compliance with the applicable uncontrolled monthly VOC use limit:</p> <p>(a) Determine the density and weight fraction of VOC in each cement from its formulation data or by analysis of the cement using Method 24.</p> <p>(b) Calculate the total mass of VOC used at the affected facility for the month (M_0) using the following procedure:</p> <p>i. For each facility for which cement is delivered in batch or via a distribution system that serves only the affected facility:</p>	<p>40 CFR 60 Subpart BBB §60.543(c)</p> <p>40 CFR 60 Subpart BBB §60.543(c)(1)</p> <p>40 CFR 60 Subpart BBB §60.543(c)(2)</p> <p>40 CFR 60 Subpart BBB §60.543(c)(2)(i)</p>
$M_0 = \sum_{i=1}^a L_{c_i} D_{c_i} W_{0_i}$	

Federally Enforceable Provisos	Regulations
<p>Where:</p> <p>a = the different number of cements used during the month</p> <p>L_c = volume of cement used during the for a month</p> <p>D_c = density of cement used</p> <p>W_o = weight fraction of VOC in a cement</p> <p>(c) Determine the time duration of the monthly compliance period (T_d) cemented for the month</p> <p>4. For each undertread cementing operation that uses a VOC emission reduction system with a control device that destroys VOC (e.g., incinerator), the owner or operator shall use the following procedure to determine compliance with the percent emission reduction requirement specified under §60.542 (a) (1)(i), (2)(i), (6)(i), (7)(iii), (8)(i), (9)(i), and (10)(i).</p> <p>(a) The performance test shall be repeated during conditions described under §60.543 (b)(2). No monthly performance tests are required.</p> <p>5. Each owner or operator of an affected facility who initially elected to be subject to the applicable percent emission reduction requirement specified under §60.542(a)(1)(i), (2)(i), (6)(i), (7)(iii), (8)(i), (9)(i), or (10)(i) and who later seeks to comply with the applicable total (uncontrolled) monthly VOC use limit specified under §60.542(a)(1)(ii), (2)(ii), (6)(ii), (7)(iv), (8)(ii), (9)(ii), or (10)(ii) shall demonstrate, using the procedures described under §60.543 (c), that the total VOC use at the affected facility has not exceeded the applicable total (uncontrolled) monthly VOC use limit during each of the last 6 months of operation. The owner or operator shall be subject to the applicable percent emission reduction requirement until the conditions of this paragraph and §60.546(h) are satisfied.</p> <p>6. The density and weight fraction of VOC in each cement shall be determined from its formulation data or by analysis of the cement using Method 24 or 40 CFR 60, Appendix A.</p> <p>7. If testing is required, volatile organic compound (VOC) emissions shall be determined in accordance with Method 25 of 40 CFR 60, Appendix A.</p> <p>8. Controlled VOC emissions from this unit shall be determined by applying the overall VOC reduction factor determined during source testing to total VOC usage.</p> <p><u>Emission Monitoring</u></p>	<p>40 CFR 60 Subpart BBB §60.543(c)(3)</p> <p>40 CFR 60 Subpart BBB §60.543(g)(1)</p> <p>40 CFR 60 Subpart BBB §60.543(k)</p> <p>40 CFR 60 Subpart BBB §60.547(a)(1)</p> <p>40 CFR 60 Subpart BBB §60.547(a)(2)</p> <p>ADEM Admin. Code R. 335-3-16-.05</p>

Federally Enforceable Provisos	Regulations
<ol style="list-style-type: none"> 1. The permittee shall conduct biennial (every two years) source testing on one boiler each term in order to demonstrate overall average VOC reduction. 2. As an alternative to biennial testing, the permittee shall conduct initial testing on one boiler in order to demonstrate overall VOC reduction along with the operation of anemometers or some other comparable Department approved method to monitor the capture system operation. 3. Any alternative monitoring system must be approved by the Department. 4. Each owner or operator shall calibrate, maintain, and operate according to manufacturer's specifications, a temperature monitoring device equipped with a continuous recorder for the temperature of the gas stream in the combustion zone of the incinerator (Boilers 1-4). The temperature monitoring device shall have an accuracy of 1 percent of the temperature being measured in °C or ± 0.5 °C, whichever is greater. 	<p>ADEM Admin. Code R. 335-3-16-.05(c)(3)</p> <p>ADEM Admin. Code R. 335-3-16-.05(c)(3)</p> <p>ADEM Admin. Code R. 335-3-16-.05(c)(3)</p> <p>40 CFR 60 Subpart BBB §60.544(a)(1)</p>
<u>Recordkeeping and Reporting Requirements</u>	
<ol style="list-style-type: none"> 1. Records of VOC content of any cements or sprays used in this process shall be kept in a permanent form suitable for inspection and shall be made available to the permitting authority upon request. These records shall be maintained for at least five (5) years from the date of generation. 2. Each owner or operator of an affected facility that uses a thermal incinerator shall maintain continuous records of the temperature of the gas stream in the combustion zone of the incinerator and records of all 3-hour periods of operation for which the average temperature of the gas stream in the combustion zone was more than 28 °C (50 °F) below the combustion zone temperature measured during the most recent determination of the destruction efficiency of the thermal incinerator that demonstrated that the affected facility was in compliance 3. Each owner or operator that uses a VOC emission reduction system with a control device that destroys VOC to comply with a percent emission reduction requirement specified in this permit, shall report the results of the performance tests required under 40CFR60.543(b)(2). The following data shall be included in the report for each of the performance tests: The emission control device efficiency (E), the capture system efficiency (Fc), and the overall system emission reduction (R). 	<p>ADEM Admin.Code R. 335-3-16-.05(c)(2)</p> <p>40 CFR 60 Subpart BBB §60.545(a)</p> <p>40 CFR 60 Subpart BBB §60.546(c)(4)</p>

Federally Enforceable Provisos	Regulations
4. Each owner or operator shall include the following data measured by the temperature monitoring device, in the report for each performance test specified under 40CFR60.546(c): The average combustion temperature measured at least every 15 minutes and averaged over the performance test period of incinerator destruction efficiency for each thermal incinerator.	40 CFR 60 Subpart BBB §60.546(e)(1)
5. Once every 6 months each owner or operator shall report each 3-hour period of operation for which the average temperature of the gas stream in the combustion zone of a thermal incinerator, as measured by the temperature monitoring device, is more than 28°C (50°F) below the combustion zone temperature measured during the most recent determination of the destruction efficiency of the thermal incinerator that demonstrated that the affected facility was in compliance. If no exceedances occurred during the reporting period then a letter shall be sent indicating that no exceedances occurred.	40 CFR 60 Subpart BBB §60.546(f)(4)
6. Records summarizing the monthly VOC emissions from the undertread cementing operation and the number of days in each compliance period shall be kept in a permanent form suitable for inspection and shall be made available to the permitting authority upon request. These records shall be maintained for at least five (5) years from the date of generation.	ADEM Admin. Code R. 335-3-16-.05(c)(2))
7. Records summarizing the rolling twelve (12) month total VOC emissions from this unit shall be kept in a permanent form suitable for inspection and shall be made available to the permitting authority upon request. These records shall be maintained for at least five (5) years from the date of generation.	40 CFR 60 Subpart BBB §60.545(d)
8. Monthly and updated twelve (12) monthly VOC emissions records shall be compiled no later than the tenth (10 th) day of the month following each monthly reporting period.	ADEM Admin. Code R. 335-3-16-.05(c)(2))
9. During any month, twelve (12) month period, or other compliance period during which there is an exceedance of one or more of the permitted emission limits, the Department shall be notified in writing within twenty-four (24) hours of determining the exceedance. The notification shall include the following:	40 CFR 60 Subpart BBB - §60.546(f)(2) and ADEM Admin. Code 335-3-16-.06(c)(3))
(a) Dates covered during the reporting period;	
(b) Amount of VOC used during the reporting period;	
(c) Amount of VOC emitted during the reporting period;	
(d) Description of the cause of the exceedance; and	

Federally Enforceable Provisos**Regulations**

(e) Description of any corrective action taken.

Summary Page for 1st and 2nd Stage Tire Assembly with Michelin C Process

Permitted Operating Schedule: 24 Hrs/day x 7 Days/week x 52 Weeks/yr = 8760 Hrs/yr

Emission limitations:

Emission Point #	Description	Pollutant	Emission limit	Regulation
EU004	1 st and 2 nd Stage Tire Assembly with Undertread Cementing (R1, R2, R3, R4, R5, R6, R7, S1, S2, S3, T3, T4, T5, T6, T7, T8, Q3, BIS1, 1R, 2R, 3R, 4R, 5R, 6R, 7R, 1S, 2S, 3S, 4S, 2T, 3T, 4T, 5T, 6T, 7T, 3Q)	VOC	See 40 CFR 60.542(a)(1)(ii)	40 CFR 60 Subpart BBB
EU004	1 st and 2 nd Stage Tire Assembly with Undertread Cementing (R1, R2, R3, R4, R5, R6, R7, S1, S2, S3, T3, T4, T5, T6, T7, T8, Q3, BIS1, 1R, 2R, 3R, 4R, 5R, 6R, 7R, 1S, 2S, 3S, 4S, 2T, 3T, 4T, 5T, 6T, 7T, 3Q)	HAP	N/A	N/A

Provisos for 1st and 2nd Stage Tire Assembly with Michelin C Process

Federally Enforceable Provisos	Regulations
<u>Applicability</u>	
1. These sources are subject to the applicable requirements of ADEM Admin. Code R. 335-3-16-.03, “ <i>Major Source Operating Permits</i> ”.	ADEM Admin. Code R. 335-3-16-.03
2. The Michelin C portions of 5T, 6T, and 7T are subject to the applicable provisions of 40 CFR 60 Subpart BBB, “ <i>Standards of Performance for the Rubber Tire Manufacturing Industry</i> ”.	40 CFR 60 Subpart BBB §60.540
3. The Michelin C portions of 5T, 6T, and 7T are subject to the applicable provisions of 40 CFR 60 Subpart A, “ <i>General Provisions</i> ”.	40 CFR 60 Subpart BBB
<u>Emission Standards</u>	
1. The emissions of volatile organic compounds (VOC) from each Michelin C portion of 5T, 6T, and 7T shall not exceed the limits below, depending on the duration of the compliance period:	40 CFR 60 Subpart BBB §60.542(a)(10)(ii)
(a) 1,570 kilograms of VOC per 28 days	
(b) 1,630 kilograms of VOC per 29 days	
(c) 1,690 kilograms of VOC per 30 days	
(d) 1,740 kilograms of VOC per 31 days	
(e) 1,970 kilograms of VOC per 35 days	
<u>Compliance and Performance Test Methods and Procedures</u>	
1. For each Michelin C operation, the following procedure shall be used to determine compliance with the applicable uncontrolled monthly VOC use limit:	40 CFR 60 Subpart BBB §60.543(c)
(a) Determine the density and weight fraction of VOC in each cement from its formulation data or by analysis of the cement using Method 24.	40 CFR 60 Subpart BBB §60.543(c)(1)
(b) Calculate the total mass of VOC used at the affected facility for the month (M_o) using the following procedure:	40 CFR 60 Subpart BBB §60.543(c)(2)
i. For each facility for which cement is delivered in batch or via a distribution system that serves only the affected facility:	40 CFR 60 Subpart BBB §60.543(c)(2)(i)

Federally Enforceable Provisos	Regulations
$M_0 = \sum_{i=1}^a L_{c_i} D_{c_i} W_{0_i}$ <p>Where:</p> <p>a = the different number of cements used during the month</p> <p>L_c = volume of cement used during the for a month</p> <p>D_c = density of cement used</p> <p>W_o = weight fraction of VOC in a cement</p> <p>(c) Determine the time duration of the monthly compliance period (T_d) cemented for the month</p> <p>2. The density and weight fraction of VOC in each cement shall be determined from its formulation data or by analysis of the cement using Method 24 or 40 CFR 60, Appendix A.</p> <p>3. If testing is required, volatile organic compound (VOC) emissions shall be determined in accordance with Method 25 of 40 CFR 60, Appendix A.</p>	<p>40 CFR 60 Subpart BBB §60.543(c)(3)</p> <p>40 CFR 60 Subpart BBB §60.547(a)(1)</p> <p>40 CFR 60 Subpart BBB §60.547(a)(2)</p>
<p><u>Emission Monitoring</u></p> <p>1. There are no unit specific emissions monitoring requirements applicable to these units.</p>	<p>N/A</p>
<p><u>Recordkeeping and Reporting Requirements</u></p> <p>1. Records of VOC content of any cements or sprays used in this process shall be kept in a permanent form suitable for inspection and shall be made available to the permitting authority upon request. These records shall be maintained for at least five (5) years from the date of generation.</p> <p>2. Records summarizing the monthly VOC emissions from the undertread cementing portions of 5T, 6T, 7T, 3Q, and 4S, and the number of days in each compliance period shall be kept in a permanent form suitable for inspection and shall be made available to the permitting authority upon request. These records shall be maintained for at least five (5) years from the date of generation.</p> <p>3. Monthly VOC emissions records shall be compiled no later than the tenth (10th) day of the month following each monthly reporting period.</p>	<p>ADEM Admin. Code 335-3-16-.05(c)(2)</p> <p>40 CFR 60 Subpart BBB §60.545(d)</p> <p>ADEM Admin. Code 335-3-16-.05(c)(2)</p>

Federally Enforceable Provisos	Regulations
<p>4. During any month, twelve (12) month period, or other compliance period during which there is an exceedance of the VOC emission limit, the Department shall be notified in writing within twenty-four (24) hours of determining the exceedance. The notification shall include the following:</p> <ul style="list-style-type: none"> (a) Dates covered during the reporting period; (b) Amount of VOC used during the reporting period; (c) Amount of VOC emitted during the reporting period; (d) Description of the cause of the exceedance; and (e) Description of any corrective action taken. 	<p>40 CFR 60 Subpart BBB - §60.546(f)(2) and ADEM Admin. Code 335-3-16-.06(c)(3))</p>

Summary Page for 1st and 2nd Stage Tire Assembly with Undertread Cementing and Boiler Incineration

Permitted Operating Schedule: 24 Hrs/day x 7 Days/week x 52 Weeks/yr = 8760 Hrs/yr

Emission limitations:

Emission Point #	Description	Pollutant	Emission limit	Regulation
EU005	1 st and 2 nd Stage Tire Assembly with Undertread Cementing and Boiler Incineration (T1, T2, Q1, OT, 1T, 1Q)	VOC	See 40 CFR 60.542(a)	40 CFR 60 Subpart BBB
EU005	1 st and 2 nd Stage Tire Assembly with Undertread Cementing and Boiler Incineration (T1, T2, Q1, OT, 1T, 1Q)	VOC	39.5 TPY for the Q1/1Q Tire Building and Undertread Cementing Unit Only	ADEM Admin. Code R. 335-3-14-.04
EU005	1 st and 2 nd Stage Tire Assembly with Undertread Cementing and Boiler Incineration (T1, T2, Q1, OT, 1T, 1Q)	HAPs	N/A	N/A

Provisos for 1st and 2nd Stage Tire Assembly with Undertread Cementing and Boiler Incineration

Federally Enforceable Provisos	Regulations
<u>Applicability</u>	
1. This source is subject to the applicable requirements of ADEM Admin. Code R. 335-3-16-.03, <i>"Major Source Operating Permits"</i> .	ADEM Admin. Code R. 335-3-16-.03
2. Units Q1 and 1Q have enforceable limits in place in order to prevent them from being subject to the provisions of ADEM Admin. Code R. 335-3-14-.04, <i>"Air Permits Authorizing Construction in Clean Air Areas [Prevention of Significant Deterioration]"</i> .	ADEM Admin. Code R. 335-3-14-.04 Anti-PSD
3. The Michelin A, Michelin B, Michelin C, and undertread cementing portions of these units are subject to the applicable provisions of 40 CFR 60 Subpart BBB, <i>"Standards of Performance for the Rubber Tire Manufacturing Industry"</i> .	40 CFR 60 Subpart BBB §60.540
4. The Michelin A, Michelin B, Michelin C, and undertread cementing portions of these units are subject to the applicable provisions of 40 CFR 60 Subpart A, <i>"General Provisions"</i> .	40 CFR 60 Subpart BBB
<u>Emission Standards</u>	
1. The emissions of volatile organic compounds (VOC) from the Michelin A portions of these units shall not exceed the limits below, depending on the duration of the compliance period:	40 CFR 60 Subpart BBB §60.542(a)(8)(ii)
(a) 1,570 kilograms of VOC per 28 days	
(b) 1,630 kilograms of VOC per 29 days	
(c) 1,690 kilograms of VOC per 30 days	
(d) 1,740 kilograms of VOC per 31 days	
(e) 1,970 kilograms of VOC per 35 days	
2. The emissions of volatile organic compounds (VOC) from the Michelin B portions of these units shall not exceed the limits below, depending on the duration of the compliance period:	40 CFR 60 Subpart BBB §60.542(a)(9)(ii)
(a) 1,310 kilograms of VOC per 28 days	
(b) 1,360 kilograms of VOC per 29 days	
(c) 1,400 kilograms of VOC per 30 days	
(d) 1,450 kilograms of VOC per 31 days	
(e) 1,640 kilograms of VOC per 35 days	

Federally Enforceable Provisos	Regulations
<p>3. The emissions of volatile organic compounds (VOC) from the Michelin C portions of these units shall not exceed the limits below, depending on the duration of the compliance period:</p> <p>(a) 1,570 kilograms of VOC per 28 days</p> <p>(b) 1,630 kilograms of VOC per 29 days</p> <p>(c) 1,690 kilograms of VOC per 30 days</p> <p>(d) 1,740 kilograms of VOC per 31 days</p> <p>(e) 1,970 kilograms of VOC per 35 days</p> <p>4. Volatile organic compound (VOC) emissions from the undertread cementing portions of these units shall not exceed the limits below, depending on the duration of the compliance period:</p> <p>(a) 3,870 kilograms of VOC per 28 days</p> <p>(b) 4,010 kilograms of VOC per 29 days</p> <p>(c) 4,150 kilograms of VOC per 30 days</p> <p>(d) 4,280 kilograms of VOC per 31 days</p> <p>(e) 4,840 kilograms of VOC per 35 days</p> <p>5. Combined total VOC emissions from unit 1Q and Q1 shall not exceed 39.5 tons during any consecutive twelve (12) month period.</p>	<p>40 CFR 60 Subpart BBB §60.542(a)(10)(ii)</p> <p>40 CFR 60 Subpart BBB §60.542(a)(1)(ii)</p> <p>ADEM Admin. Code R. 335-3-14-.04</p>
<u>Compliance and Performance Test Methods and Procedures</u>	
<p>1. For each Michelin A, Michelin B, Michelin C, and undertread cementing operation, the following procedure shall be used to determine compliance with the applicable uncontrolled monthly VOC use limit:</p> <p>(a) Determine the density and weight fraction of VOC in each cement from its formulation data or by analysis of the cement using Method 24.</p> <p>(b) Calculate the total mass of VOC used at the affected facility for the month (M_o) using the following procedure:</p> <p>i. For each facility for which cement is delivered in batch or via a distribution system that serves only the affected facility:</p>	<p>40 CFR 60 Subpart BBB §60.543(c)</p> <p>40 CFR 60 Subpart BBB §60.543(c)(1)</p> <p>40 CFR 60 Subpart BBB §60.543(c)(2)</p> <p>40 CFR 60 Subpart BBB §60.543(c)(2)(i)</p>

Federally Enforceable Provisos	Regulations
$M_0 = \sum_{i=1}^a L_{c_i} D_{c_i} W_{0_i}$ <p>Where:</p> <p>a = the different number of cements used during the month L_c = volume of cement used during the for a month D_c = density of cement used W_o = weight fraction of VOC in a cement</p> <p>(c) Determine the time duration of the monthly compliance period (T_d) cemented for the month</p> <p>2. The density and weight fraction of VOC in each cement shall be determined from its formulation data or by analysis of the cement using Method 24 or 40 CFR 60, Appendix A.</p> <p>3. If testing is required, volatile organic compound (VOC) emissions shall be determined in accordance with Method 25 of 40 CFR 60, Appendix A.</p> <p>4. Controlled VOC emissions from this unit shall be determined by applying the overall VOC reduction factor determined during source testing to total VOC usage.</p>	<p>40 CFR 60 Subpart BBB §60.543(c)(3) 40 CFR 60 Subpart BBB §60.547(a)(1)</p> <p>40 CFR 60 Subpart BBB §60.547(a)(2)</p> <p>ADEM Admin. Code R. 335-3-16-.05</p>
<p><u>Emission Monitoring</u></p> <p>1. The permittee shall conduct biennial (every two years) source testing on one boiler each term in order to demonstrate overall average VOC reduction.</p> <p>2. As an alternative to biennial testing, the permittee shall conduct initial testing on one boiler in order to demonstrate overall VOC reduction along with the operation of anemometers or some other comparable Department approved method to monitor the capture system operation.</p> <p>3. Any alternative monitoring system must be approved by the Department.</p>	<p>ADEM Admin. Code R. 335-3-16-.05(c)(3)</p> <p>ADEM Admin. Code R. 335-3-16-.05(c)(3)</p> <p>ADEM Admin. Code R. 335-3-16-.05(c)(3)</p>
<p><u>Recordkeeping and Reporting Requirements</u></p> <p>1. Records of VOC content of any cements or sprays used in this process shall be kept in a permanent form suitable for inspection and shall be made available to the permitting authority upon request. These records shall be maintained for at least five (5) years from the date of generation.</p>	<p>ADEM Admin. Code 335-3-16-.05(c)(2)</p>

Federally Enforceable Provisos	Regulations
2. Records summarizing the monthly VOC emissions from the undertread cementing operation and the number of days in each compliance period shall be kept in a permanent form suitable for inspection and shall be made available to the permitting authority upon request. These records shall be maintained for at least five (5) years from the date of generation.	40 CFR 60 Subpart BBB §60.545(d)
3. Records summarizing the rolling twelve (12) month total VOC emissions from 1Q and Q1 shall be kept in a permanent form suitable for inspection and shall be made available to the permitting authority upon request. These records shall be maintained for at least five (5) years from the date of generation.	ADEM Admin. Code 335-3-16-.05(c)(2)
4. Monthly and updated twelve (12) monthly VOC emissions records shall be compiled no later than the tenth (10 th) day of the month following each monthly reporting period.	ADEM Admin. Code 335-3-16-.05(c)(2)
5. During any month, twelve (12) month period, or other compliance period during which there is an exceedance of the VOC emission limit, the Department shall be notified in writing within twenty-four (24) hours of determining the exceedance. The notification shall include the following: (a) Dates covered during the reporting period; (b) Amount of VOC used during the reporting period; (c) Amount of VOC emitted during the reporting period; (d) Description of the cause of the exceedance; and (e) Description of any corrective action taken.	40 CFR 60 Subpart BBB - §60.546(f)(2) and ADEM Admin. Code 335-3-16-.06(c)(3))

Summary Page for 1st and 2nd Stage Tire Assembly

Permitted Operating Schedule: 24 Hrs/day x 7 Days/week x 52 Weeks/yr = 8760 Hrs/yr

Emission limitations:

Emission Point #	Description	Pollutant	Emission limit	Regulation
EU006	1 st and 2 nd Stage Tire Assembly (P1, P2, 1P, 2P)	VOC	See 40 CFR 60.542(a)	40 CFR 60 Subpart BBB
EU006	1 st and 2 nd Stage Tire Assembly (P1, P2, 1P, 2P)	VOC	39.5 TPY for these units, BD6, and GTS No. 6.	ADEM Admin. Code R. 335-3-14-.04 (Anti-PSD)
EU006	1 st and 2 nd Stage Tire Assembly (P1, P2, 1P, 2P)	HAP	N/A	N/A

Provisos for 1st and 2nd Stage Tire Assembly with Undertread Cementing

Federally Enforceable Provisos	Regulations
<u>Applicability</u>	
1. This source is subject to the applicable requirements of ADEM Admin. Code R. 335-3-16-.03, <i>"Major Source Operating Permits"</i> .	ADEM Admin. Code R. 335-3-16-.03
2. These units have enforceable limits in place in order to prevent them from being subject to the provisions of ADEM Admin. Code R. 335-3-14-.04, <i>"Air Permits Authorizing Construction in Clean Air Areas [Prevention of Significant Deterioration]"</i> .	ADEM Admin. Code R. 335-3-14-.04 Anti-PSD
3. The Michelin A, Michelin B, and Michelin C portions of these units are subject to the applicable provisions of 40 CFR 60 Subpart BBB, <i>"Standards of Performance for the Rubber Tire Manufacturing Industry"</i> .	40 CFR 60 Subpart BBB §60.540
4. The Michelin A, Michelin B, and Michelin C portions of these units are subject to the applicable provisions of 40 CFR 60 Subpart A, <i>"General Provisions"</i> .	40 CFR 60 Subpart BBB
<u>Emission Standards</u>	
1. The emissions of volatile organic compounds (VOC) from the Michelin A portions of these units shall not exceed the limits below, depending on the duration of the compliance period:	40 CFR 60 Subpart BBB §60.542(a)(8)(ii)
(a) 1,570 kilograms of VOC per 28 days	
(b) 1,630 kilograms of VOC per 29 days	
(c) 1,690 kilograms of VOC per 30 days	
(d) 1,740 kilograms of VOC per 31 days	
(e) 1,970 kilograms of VOC per 35 days	
2. The emissions of volatile organic compounds (VOC) from the Michelin B portions of these units shall not exceed the limits below, depending on the duration of the compliance period:	40 CFR 60 Subpart BBB §60.542(a)(9)(ii)
(a) 1,310 kilograms of VOC per 28 days	
(b) 1,360 kilograms of VOC per 29 days	
(c) 1,400 kilograms of VOC per 30 days	
(d) 1,450 kilograms of VOC per 31 days	
(e) 1,640 kilograms of VOC per 35 days	

Federally Enforceable Provisos	Regulations
<p>3. The emissions of volatile organic compounds (VOC) from the Michelin C portions of these units shall not exceed the limits below, depending on the duration of the compliance period:</p> <p>(a) 1,570 kilograms of VOC per 28 days</p> <p>(b) 1,630 kilograms of VOC per 29 days</p> <p>(c) 1,690 kilograms of VOC per 30 days</p> <p>(d) 1,740 kilograms of VOC per 31 days</p> <p>(e) 1,970 kilograms of VOC per 35 days</p> <p>4. Combined total VOC emissions from the these units, Rubber Processing with Undertread Cementing (BD6), and the Green Tire Sprayer No. 6 shall not exceed 39.5 tons during any consecutive twelve (12) month period.</p>	<p>40 CFR 60 Subpart BBB</p> <p>§60.542(a)(10)(ii)</p> <p>ADEM Admin. Code R. 335-3-14-.04</p> <p>Anti-PSD</p>
<p><u>Compliance and Performance Test Methods and Procedures</u></p>	
<p>1. For each Michelin A, Michelin B, and Michelin C, operation, the following procedure shall be used to determine compliance with the applicable uncontrolled monthly VOC use limit:</p> <p>(a) Determine the density and weight fraction of VOC in each cement from its formulation data or by analysis of the cement using Method 24.</p> <p>(b) Calculate the total mass of VOC used at the affected facility for the month (M_o) using the following procedure:</p> <p>i. For each facility for which cement is delivered in batch or via a distribution system that serves only the affected facility:</p> $M_o = \sum_{i=1}^a L_{c_i} D_{c_i} W_{o_i}$ <p>Where:</p> <p>a = the different number of cements used during the month</p> <p>L_c = volume of cement used during the for a month</p> <p>D_c = density of cement used</p> <p>W_o = weight fraction of VOC in a cement</p> <p>(c) Determine the time duration of the monthly compliance period (T_d) cemented for the month</p>	<p>40 CFR 60 Subpart BBB</p> <p>§60.543(c)</p> <p>40 CFR 60 Subpart BBB</p> <p>§60.543(c)(1)</p> <p>40 CFR 60 Subpart BBB</p> <p>§60.543(c)(2)</p> <p>40 CFR 60 Subpart BBB</p> <p>§60.543(c)(2)(i)</p> <p>40 CFR 60 Subpart BBB</p> <p>§60.543(c)(3)</p>

Federally Enforceable Provisos	Regulations
2. The density and weight fraction of VOC in each cement shall be determined from its formulation data or by analysis of the cement using Method 24 or 40 CFR 60, Appendix A.	40 CFR 60 Subpart BBB §60.547(a)(1)
3. If testing is required, volatile organic compound (VOC) emissions shall be determined in accordance with Method 25 of 40 CFR 60, Appendix A.	40 CFR 60 Subpart BBB §60.547(a)(2)
<u>Emission Monitoring</u>	
1. There are no unit specific emissions monitoring requirements applicable to these units.	N/A
<u>Recordkeeping and Reporting Requirements</u>	
1. Records of VOC content of any cements or sprays used in this process shall be kept in a permanent form suitable for inspection and shall be made available to the permitting authority upon request. These records shall be maintained for at least five (5) years from the date of generation.	ADEM Admin. Code 335-3-16-.05(c)(2)
2. Records summarizing the monthly VOC emissions from the undertread cementing operation and the number of days in each compliance period shall be kept in a permanent form suitable for inspection and shall be made available to the permitting authority upon request. These records shall be maintained for at least five (5) years from the date of generation.	40 CFR 60 Subpart BBB §60.545(d)
3. Records summarizing the rolling twelve (12) month total VOC emissions from these units, Rubber Processing with Undertread Cementing (BD6), and the Green Tire Spraying Operation with Wet Scrubber shall be kept in a permanent form suitable for inspection and shall be made available to the permitting authority upon request. These records shall be maintained for at least five (5) years from the date of generation.	ADEM Admin. Code 335-3-16-.05(c)(2)
4. Monthly and updated twelve (12) monthly VOC emissions records shall be compiled no later than the tenth (10 th) day of the month following each monthly reporting period.	ADEM Admin. Code 335-3-16-.05(c)(2)
5. During any month, twelve (12) month period, or other compliance period during which there is an exceedance of the VOC emission limit, the Department shall be notified in writing within twenty-four (24) hours of determining the exceedance. The notification shall include the following:	40 CFR 60 Subpart BBB - §60.546(f)(2) and ADEM Admin. Code 335-3-16-.06(c)(3))
(a) Dates covered during the reporting period;	
(b) Amount of VOC used during the reporting period;	

Federally Enforceable Provisos	Regulations
(c) Amount of VOC emitted during the reporting period; (d) Description of the cause of the exceedance; and (e) Description of any corrective action taken.	

Summary Page for Tire Curing and Finishing Operation

Permitted Operating Schedule: 24 Hrs/day x 7 Days/week x 52 Weeks/yr = 8760 Hrs/yr

Emission limitations:

Emission Point #	Description	Pollutant	Emission limit	Regulation
EU007	Curing Presses	VOC	37.7 TPY (associated with the use of silane)	ADEM Admin. Code R. 335-3-14-.04 (Anti-PSD)
EU007	Curing Presses	HAPs	N/A	N/A
EU007	Green Tire Spraying with Wet Scrubber	PM	2.90 lb/hr	ADEM Admin. Code R. 335-3-14-.04 (Anti-PSD)
EU007	Green Tire Spraying with Wet Scrubber	VOC	39.5 TPY (including emissions from BD6, P1/1P, and P2/2P)	ADEM Admin. Code R. 335-3-14-.04 (Anti-PSD)
EU007	Green Tire Spraying with Wet Scrubber	HAP	N/A	N/A
EU007	Green Tire Spraying with Wet Scrubber	Opacity	20% opacity on six (6) minute average	ADEM Admin. Code R. 335-3-4-.01(1)(a)(b)
EU007	RIS Grinding with Cyclones	PM	1.30 lb/hr	ADEM Admin. Code R. 335-3-14-.04 (Anti-PSD)
EU007	RIS Grinding with Cyclones	PM ₁₀	0.60 lb/hr	ADEM Admin. Code R. 335-3-14-.04 (Anti-PSD)
EU007	RIS Grinding with Cyclones	VOC	N/A	N/A
EU007	RIS Grinding with Cyclones	HAP	N/A	N/A
EU007	RIS Grinding with Cyclones	Opacity	20% opacity on six (6) minute average	ADEM Admin. Code R. 335-3-4-.01(1)(a)(b)
EU007	White Sidewall Grinding with Cyclones	PM	4.20 lb/hr	ADEM Admin. Code R. 335-3-14-.04 (Anti-PSD)
EU007	White Sidewall Grinding with Cyclones	PM ₁₀	1.90 lb/hr	ADEM Admin. Code R. 335-3-14-.04 (Anti-PSD)
EU007	White Sidewall Grinding with Cyclones	VOC	N/A	N/A
EU007	White Sidewall Grinding with Cyclones	HAP	N/A	N/A
EU007	White Sidewall Grinding with Cyclones	Opacity	20% opacity on six (6) minute average	ADEM Admin. Code R. 335-3-4-.01(1)(a)(b)

Provisos for Tire Curing and Finishing Operation

Federally Enforceable Provisos	Regulations
<u>Applicability</u>	
1. These sources are subject to the applicable requirements of ADEM Admin. Code R. 335-3-16-.03, " <i>Major Source Operating Permits</i> ".	ADEM Admin. Code R. 335-3-16-.03
2. These units are subject to the applicable requirements of ADEM Admin. Code R. 335-3-4-.01(1), " <i>Visible Emissions</i> ".	ADEM Admin. Code R. 335-3-4-.01(1)
3. Green Tire Sprayer No. 6 is subject to the applicable provisions of 40 CFR 60 Subpart BBB, " <i>Standards of Performance for the Rubber Tire Manufacturing Industry</i> ". GTS No. 6 was installed in 1989, after the applicability date of January 20, 1983.	40 CFR 60 Subpart BBB §60.540(a)
4. Green Tire Sprayer No. 6 is subject to the applicable provisions of 40 CFR 60 Subpart A, " <i>General Provisions</i> ".	40 CFR 60 Subpart BBB
5. This units have enforceable limits in place in order to prevent them from being subject to the provisions of ADEM Admin. Code R. 335-3-14-.04, " <i>Air Permits Authorizing Construction in Clean Air Areas [Prevention of Significant Deterioration]</i> ".	ADEM Admin. Code R. 335-3-14-.04
<u>Emission Standards</u>	
1. Visible emissions (VE) from this boiler shall not exceed the emissions limitations as specified in ADEM Admin. Code R 335-3-4-.01(1) and General Proviso No. 29.	ADEM Admin. Code R. 335-3-4-.01(1)
2. No more than 37.7 tons of VOC emissions associated with the use of silane shall be emitted from the curing operation during any consecutive twelve (12) month period.	ADEM Admin. Code R. 335-3-14-.04
3. Rubber cured at this facility shall contain no more than 1,538,845 pounds of silane during any consecutive twelve (12) month period.	ADEM Admin. Code R. 335-3-14-.04
4. Combined total VOC emissions from the Tire Assembly Systems (P1/P2 and P2/2P) with Michelin A and Michelin B Operation, Rubber Processing with Undertread Cementing (BD6), and the Green Tire Spraying Operation shall not exceed 39.5 tons in any consecutive twelve (12) month period.	ADEM Admin. Code R. 335-3-14-.04
5. Total particulate matter (PM) emissions from the Green Tire Spraying Operation shall not exceed 2.90 lb/hr.	ADEM Admin. Code R. 335-3-14-.04
6. Total PM emissions from the RIS Grinding Operation shall not exceed 1.30 lb/hr.	ADEM Admin. Code R. 335-3-14-.04
7. Total PM ₁₀ emissions from the RIS Grinding Operation shall not exceed 0.60 lb/hr.	ADEM Admin. Code R. 335-3-14-.04

Federally Enforceable Provisos	Regulations
8. Total PM emissions from the White Sidewall Grinding Operation shall not exceed 4.20 lb/hr.	ADEM Admin. Code R. 335-3-14-.04
9. Total PM ₁₀ emissions from the White Sidewall Grinding Operation shall not exceed 1.90 lb/hr.	ADEM Admin. Code R. 335-3-14-.04
10. Volatile Organic Compound (VOC) emissions from Green Tire Sprayer No. 6 shall not exceed 1.2 grams per tire sprayed with an inside green tire spray for each month.	40 CFR 60 Subpart BBB §60.542(a)(5)(i)
11. Volatile Organic Compound (VOC) emissions Green Tire Sprayer No. 6 shall not exceed 9.3 grams per tire sprayed with an outside green tire spray for each month	40 CFR 60 Subpart BBB §60.542(a)(5)(i)
12. The sprays used by Green Tire Sprayer No. 6 shall contain less than one (1%) percent VOC by weight.	ADEM Admin. Code R. 335-3-14-.04
<u>Compliance and Performance Test Methods and Procedures</u>	
1. If testing is required, VOC emissions shall be determined by Method 25 or 25A as described in 40 CFR 60, Appendix A.	ADEM Admin. Code R. 335-3-1-.05
2. Visible emissions observations (VEO) shall be conducted in accordance with Method 9 40 CFR 60, Appendix A.	ADEM Admin. Code R. 335-3-1-.05
3. If testing is required, PM emissions shall be determined by Method 5 as described in 40 CFR 60, Appendix A.	ADEM Admin. Code R. 335-3-1-.05
4. If testing is required, PM ₁₀ emissions shall be determined by Method 201 as described in 40 CFR 51, Appendix M.	ADEM Admin. Code R. 335-3-1-.05
5. Supplier formulation data or a Method 24 analysis shall be used to determine the VOC content of sprays used in Green Tire Sprayer No. 6.	40 CFR 60 Subpart BBB §60.543(b)(4)
<u>Emission Monitoring</u>	
1. An observation of instantaneous visible emissions from the stack associated with the wet scrubber shall be accomplished weekly while in operation by an individual certified to determine opacity.	ADEM Admin. Code R. 335-3-16-.05(c)
2. An observation of instantaneous visible emissions from the cyclone stacks shall be accomplished weekly while in operation by an individual certified to determine opacity.	ADEM Admin. Code R. 335-3-16-.05(c)
3. If the observed instantaneous opacity from any unit is greater than ten (10%) percent, a visible emissions observation shall be conducted within thirty (30) minutes of the observation in accordance with 40 CFR 60 Appendix A, Method 9 for a minimum of twelve (12) consecutive minutes.	ADEM Admin. Code R. 335-3-16-.05(c)

Federally Enforceable Provisos	Regulations
<p>4. If the average opacity during any Method 9 visible emission observation exceeds ten (10%) percent, corrective action shall be initiated within two (2) hours.</p>	<p>ADEM Admin. Code R. 335-3-16-.05(c)</p>
<p><u>Recordkeeping and Reporting Requirements</u></p>	
<p>1. Records summarizing the monthly and twelve (12) month rolling total of silane usage at this facility shall be kept in a permanent form suitable for inspection and shall be made available to the permitting authority upon request. These records shall be maintained for at least five (5) years from the date of generation.</p>	<p>ADEM Admin. Code R. 335-3-16-.05(c)(2)</p>
<p>2. Monthly and updated twelve (12) month silane usage inventories shall be compiled no later than the tenth (10th) day of the month following each monthly reporting period.</p>	<p>ADEM Admin. Code R. 335-3-16-.05(c)(2)</p>
<p>3. During any month, twelve (12) month period, or other compliance period during which there is an exceedance of one or more of the permitted emission limits, the Department shall be notified in writing within twenty-four (24) hours of determining the exceedance. The notification shall include the following:</p> <p>(a) Dates covered during the reporting period;</p> <p>(b) Amount of pollutant emitted during the reporting period;</p> <p>(c) Description of the cause of the exceedance; and</p> <p>(d) Description of any corrective action taken.</p>	<p>ADEM Admin. Code R. 335-3-16-.05(c)(3)</p>
<p>4. Records of the observation date, observation time, emission point designation, name of the observer, expiration date of observer's certification, observed opacity, and any corrective actions taken during each visible emissions observation shall be kept in a permanent form suitable for inspection. These records shall be maintained for a period of at least five (5) years from the date of generation and shall be made available to the permitting authority upon request.</p>	<p>ADEM Admin. Code R. 335-3-16-.05(c)(2)</p>
<p>5. If a visible emissions observation utilizing Method 9 is required, the results shall be documented using the ADEM visible emissions observation report. These records shall be maintained for a period of at least five (5) years from the date of generation and shall be made available to the permitting authority upon request.</p>	<p>ADEM Admin. Code R. 335-3-16-.05(c)(2)</p>

Federally Enforceable Provisos	Regulations
<p>6. A semi-annual monitoring report shall be submitted to the Department within sixty (60) days of the end of each semi-annual reporting period as determined by the anniversary dates of the permit. The semi-annual monitoring periods shall cover the following dates: September 1st through February 28th, and March 1st through August 31st of each calendar year. This report shall include the following</p> <p>(a) Calendar dates covered in the reporting period;</p> <p>(b) All visible emissions (VE) exceedances;</p> <p>(c) A description of the cause of any exceedance;</p> <p>(d) A description of any corrective action taken;</p> <p>(e) A statement of certification of truth, accuracy, and completeness as described in General Proviso No. 9;</p> <p>(f) Signature of the responsible official as required by General Proviso No. 9.</p> <p>7. Records summarizing the monthly VOC emissions from Green Tire Sprayer No. 6 shall be kept in a permanent form suitable for inspection and shall be made available to the permitting authority upon request. These records shall be maintained for at least five (5) years from the date of generation.</p> <p>8. Monthly VOC emissions inventories for Green Tire Sprayer No. 6 shall be compiled no later than the tenth (10th) day of the month following each monthly reporting period.</p> <p>9. Records of the VOC content of each spray used by Green Tire Sprayer No. 6 shall be kept in a permanent form suitable for inspection and shall be made available to the permitting authority upon request. These records shall be maintained for at least five (5) years from the date of generation.</p> <p>10. Green Tire Spray formulation data shall be submitted to the Department within sixty (60) days of end of each calendar year, provided that the spray formulation has not changed in the previous twelve (12) months.</p>	<p>ADEM Admin. Code R. 335-3-16-.05(c)(3)</p> <p>40 CFR 60 Subpart BBB</p> <p>§60.545(f)</p> <p>ADEM Admin. Code 335-3-16-.05(c)(2)</p> <p>40 CFR 60 Subpart BBB</p> <p>§60.545(f)</p> <p>40 CFR 60 Subpart BBB</p> <p>§60.546(f)</p>

Summary Page for Tringle Spraying Operation with Baghouse

Permitted Operating Schedule: 24 Hrs/day x 7 Days/week x 52 Weeks/yr = 8760 Hrs/yr

Emission limitations:

Emission Point	Description	Pollutant	Emission limit	Regulation
EU015	Tringle Spraying Operation with Baghouse	VOC	NA	NA
EU015	Tringle Spraying Operation with Baghouse	PM	0.10 lb/hr	ADEM Admin. Code R. 335-3-14-.04 (Anti-PSD)

Provisos for Tringle Spraying Operation with Baghouse

Federally Enforceable Provisos	Regulations
<u>Applicability</u>	
1. These sources are subject to the applicable requirements of ADEM Admin. Code R. 335-3-16-.03, " <i>Major Source Operating Permits</i> ".	ADEM Admin. Code R. 335-3-16-.03
2. These units are subject to the applicable requirements of ADEM Admin. Code R. 335-3-4-.01(1), " <i>Visible Emissions</i> ".	ADEM Admin. Code R. 335-3-4-.01(1)
3. This units have enforceable limits in place in order to prevent them from being subject to the provisions of ADEM Admin. Code R. 335-3-14-.04, " <i>Air Permits Authorizing Construction in Clean Air Areas [Prevention of Significant Deterioration]</i> ".	ADEM Admin. Code R. 335-3-14-.04 Anti-PSD
<u>Emission Standards</u>	
1. Total particulate matter (PM) emissions from this unit shall not exceed 0.10 lb/hr.	ADEM Admin. Code R. 335-3-14-.04
2. Visible emissions (VE) from this boiler shall not exceed the emissions limitations as specified in ADEM Admin. Code R 335-3-4-.01(1) and General Permit Proviso No. 29.	ADEM Admin. Code R 335-3-4-.01(1)
<u>Compliance and Performance Test Methods and Procedures</u>	
1. If testing is required, PM emissions shall be determined by Method 5 as described in 40 CFR 60, Appendix A.	ADEM Admin. Code R. 335-3-1-.05
2. Visible emissions observations (VEO) shall be conducted in accordance with Method 9 40 CFR 60, Appendix A.	ADEM Admin. Code R. 335-3-1-.05
3. If testing is required, VOC emissions shall be determined by Method 25 or 25A as described in 40 CFR 60, Appendix A.	ADEM Admin. Code R. 335-3-1-.05
<u>Emission Monitoring</u>	
1. An observation of instantaneous visible emissions from the stack associated with the baghouse shall be accomplished weekly while in operation by an individual certified to determine opacity.	ADEM Admin. Code R. 335-3-16-.05
2. If the observed instantaneous opacity from any unit is greater than ten (10%) percent, a visible emissions observation shall be conducted within thirty (30) minutes of the observation in accordance with 40 CFR 60 Appendix A, Method 9 for a minimum of twelve (12) consecutive minutes.	ADEM Admin. Code R. 335-3-16-.05

Federally Enforceable Provisos	Regulations
<p>3. If the average opacity during any Method 9 visible emission observation exceeds ten (10%) percent, corrective action shall be initiated within two (2) hours.</p>	<p>ADEM Admin. Code R. 335-3-16-.05</p>
<p><u>Recordkeeping and Reporting Requirements</u></p>	
<p>1. Records of the observation date, observation time, emission point designation, name of the observer, expiration date of observer's certification, observed opacity, and any corrective actions taken during each visible emissions observation shall be kept in a permanent form suitable for inspection. These records shall be maintained for a period of at least five (5) years from the date of generation and shall be made available to the permitting authority upon request.</p>	<p>ADEM Admin. Code R. 335-3-16-.05(c)(2)</p>
<p>2. If a visible emissions observation utilizing Method 9 is required, the results shall be documented using the ADEM visible emissions observation report. These records shall be maintained for a period of at least five (5) years from the date of generation and shall be made available to the permitting authority upon request.</p>	<p>ADEM Admin. Code R. 335-3-16-.05(c)(2)</p>
<p>3. A semi-annual monitoring report shall be submitted to the Department within sixty (60) days of the end of each semi-annual reporting period as determined by the anniversary dates of the permit. The semi-annual monitoring periods shall cover the following dates: September 1st through February 28th, and March 1st through August 31st of each calendar year. This report shall include the following</p> <ul style="list-style-type: none"> (a) Calendar dates covered in the reporting period; (b) All visible emissions (VE) exceedances; (c) A description of the cause of any exceedance; (d) A description of any corrective action taken; (e) A statement of certification of truth, accuracy, and completeness as described in General Proviso No. 9; (f) Signature of the responsible official as required by General Proviso No. 9. 	<p>ADEM Admin. Code R. 335-3-16-.05(c)(3)</p>

Summary Page for One (1) - 50.0 MMBtu/hr Natural Gas, No. 2 and No. 6 Fuel Oil Fired Boiler

Permitted Operating Schedule: 24 Hrs/day x 7 Days/week x 52 Weeks/yr = 8760 Hrs/yr

Emission limitations:

Emission Point #	Description	Pollutant	Emission limit	Regulation
EU009	50 MMBtu/hr Boiler Fired by Natural Gas or No. 6 Fuel Oil	PM	$E = 1.38H^{-0.44}$	ADEM Admin. Code R. 335-3-4-.03
EU009	50 MMBtu/hr Boiler Fired by Natural Gas or No. 6 Fuel Oil	SO ₂	1,627,908 gallons of No. 6 fuel oil with a maximum sulfur content of 1.8%	ADEM Admin. Code R. 335-3-14-.04
EU009	50 MMBtu/hr Boiler Fired by Natural Gas or No. 6 Fuel Oil	NO _x	N/A	N/A
EU009	50 MMBtu/hr Boiler Fired by Natural Gas or No. 6 Fuel Oil	CO	N/A	N/A
EU009	50 MMBtu/hr Boiler Fired by Natural Gas or No. 6 Fuel Oil	VOC	N/A	N/A
EU009	50 MMBtu/hr Boiler Fired by Natural Gas or No. 6 Fuel Oil	Opacity	20% opacity on six (6) minute average	ADEM Admin. Code R. 335-3-4-.01(1)(a)(b)

Provisos for One (1) - 50.0 MMBtu/hr Natural Gas, No. 2 and No. 6 Fuel Oil Fired Boiler

Federally Enforceable Provisos	Regulations
<u>Applicability</u>	
1. This source is subject to the applicable requirements of ADEM Admin. Code R. 335-3-16-.03, " <i>Major Source Operating Permits</i> ".	ADEM Admin. Code R. 335-3-16-.03
2. This unit is subject to the applicable requirements of ADEM Admin. Code R. 335-3-4-.01(1), " <i>Visible Emissions</i> ".	ADEM Admin. Code R. 335-3-4-.01(1)
3. This unit is subject to the applicable requirements of ADEM Admin. Code R. 335-3-4-.03(1), " <i>Control of Particulate Emissions in Fuel Burning Equipment</i> " for a Class I County.	ADEM Admin. Code R. 335-3-4-.03(1)
4. This unit has enforceable limits in place in order to prevent it from being subject to the provisions of ADEM Admin. Code R. 335-3-14-.04. " <i>Air Permits Authorizing Construction in Clean Air Areas [Prevention of Significant Deterioration]</i> ".	ADEM Admin. Code R. 335-3-14-.04
<u>Emission Standards</u>	
1. Particulate matter (PM) emissions from this boiler shall not exceed the emissions limitations as specified in ADEM Admin. Code R 335-3-4-.03(1) and General Permit Proviso No. 31.	ADEM Admin. Code R. 335-3-4-.03(1)
2. Visible emissions (VE) from this boiler shall not exceed the emissions limitations as specified in ADEM Admin. Code R 335-3-4-.01(1) and General Permit Proviso No. 29.	ADEM Admin. Code R. 335-3-4-.01(1)
3. No more than 1,627,908 gallons of No. 6 fuel oil shall be burned in this boiler during any consecutive twelve (12) month period.	ADEM Admin. Code R. 335-3-14-.04
4. Sulfur content of the fuel oil burned in this boiler shall not exceed 1.8% by weight.	ADEM Admin. Code R. 335-3-14-.04
5. Fuel oil shall not be burned in this boiler simultaneously with either or both of the two (2) 25.0 MMBtu/hr boilers, except during change over.	ADEM Admin. Code R. 335-3-14-.04
<u>Compliance and Performance Test Methods and Procedures</u>	
1. If testing is required, particulate matter (PM) emission shall be determined in accordance with Method 5 of 40 CFR 60, Appendix A.	ADEM Admin. Code R. 335-3-1-.05
2. If testing is required, sulfur dioxide (SO ₂) emissions shall be determined in accordance with Method 6 of 40 CFR 60, Appendix A.	ADEM Admin. Code R. 335-3-1-.05

Federally Enforceable Provisos	Regulations
3. If testing is required, nitrogen oxides (NO _x) emissions shall be determined in accordance with Method 7 of 40 CFR 60, Appendix A.	ADEM Admin. Code R. 335-3-1-.05
4. If testing is required, volatile organic compound (VOC) emissions shall be determined in accordance with Method 25 of 40 CFR 60, Appendix A.	ADEM Admin. Code R. 335-3-1-.05
5. If testing is required, carbon monoxide (CO) emissions shall be determined in accordance with Method 10 of 40 CFR 60, Appendix A.	ADEM Admin. Code R. 335-3-1-.05
6. Visible emissions observations (VEO) shall be conducted in accordance with Method 9 40 CFR 60, Appendix A.	ADEM Admin. Code R. 335-3-1-.05
7. The sulfur content of fuel oil burned in this boiler shall be determined by procedures found in ASTM 129-00.	ADEM Admin. Code R. 335-3-1-.05
<u>Emission Monitoring</u>	
1. When firing fuel oil, an observation of instantaneous visible emissions from the stacks associated with these units shall be accomplished daily by an individual certified to determine opacity.	ADEM Admin. Code R. 335-3-16-.05
2. If the observed instantaneous opacity is greater than ten (10%) percent, a visible emissions observation shall be conducted within thirty (30) minutes of the observation in accordance with 40 CFR 60 Appendix A, Method 9 for a minimum of twelve (12) consecutive minutes.	ADEM Admin. Code R. 335-3-16-.05
3. If the average opacity during the Method 9 visible emission observation exceeds ten (10%) percent, corrective action must be initiated within two (2) hours.	ADEM Admin. Code R. 335-3-16-.05
4. Compliance with the fuel oil sulfur content limit shall be determined from either a certification provided by the fuel oil supplier or laboratory test results obtained by the permittee.	ADEM Admin. Code R. 335-3-16-.05
<u>Recordkeeping and Reporting Requirements</u>	
1. Monthly, and twelve (12) month rolling total natural gas and fuel oil usage in this boiler must be kept in a form suitable for inspection. The records also shall be retained in a permanent form suitable for inspection for at least five (5) years from the date of generation and shall be made available upon request.	ADEM Admin. Code R. 335-3-16-.05(c)(2)

Federally Enforceable Provisos	Regulations
<p>2. If utilized, fuel oil supplier certificates shall contain the name of the oil supplier and a statement from the oil supplier that the oil complies with the sulfur content limit, and shall be kept in a permanent form suitable for inspection for a period of five (5) years from the date of generation and shall be made available upon request.</p>	<p>ADEM Admin. Code R. 335-3-16-.05(c)(2)</p>
<p>3. A semi-annual report summarizing the type and quantity of each fuel burned in this unit shall be submitted to the Department within sixty (60) days of the end of each semi-annual reporting period as determined by the anniversary dates of the permit. The semi-annual monitoring periods shall cover the following dates: September 1st through February 28th, and March 1st through August 31st of each calendar year. This report shall include the following:</p> <p>(a) Calendar dates covered in the reporting period;</p> <p>(b) Amounts of each fuel combusted in this unit during the reporting period;</p> <p>(c) Twelve (12) month rolling total of each fuel burned in this boiler during the reporting period;</p> <p>(d) A tabulated summary of fuel oil supplier certification(s);</p> <p>(e) A statement of certification of truth, accuracy, and completeness as described in General Proviso No. 9.</p> <p>(f) Signature of the responsible official as required by General Proviso No. 9.</p>	<p>ADEM Admin. Code R. 335-3-16-.05(c)(3)</p>
<p>4. Records of the observation date, observation time, emission point designation, name of the observer, expiration date of observer's certification, observed opacity, and any corrective actions taken during each visible emissions observation shall be kept in a permanent form suitable for inspection. These records shall be maintained for a period of at least five (5) years from the date of generation and shall be made available to the permitting authority upon request.</p>	<p>ADEM Admin. Code R. 335-3-16-.05(c)(2)</p>
<p>5. If a visible emissions observation utilizing Method 9 is required, the results shall be documented using the ADEM visible emissions observation report. These records shall be maintained for a period of at least five (5) years from the date of generation and shall be made available to the permitting authority upon request.</p>	<p>ADEM Admin. Code R. 335-3-16-.05(c)(2)</p>

Federally Enforceable Provisos	Regulations
<p>6. A semi-annual monitoring report shall be submitted to the Department within sixty (60) days of the end of each semi-annual reporting period as determined by the anniversary dates of the permit. The semi-annual monitoring periods shall cover the following dates: September 1st through February 28th, and March 1st through August 31st of each calendar year. This report shall include the following:</p> <ul style="list-style-type: none"> (a) Calendar dates covered in the reporting period; (b) All visible emissions (VE) exceedances; (c) A description of the cause of any exceedance; (d) A description of any corrective action taken; (e) A statement of certification of truth, accuracy, and completeness as described in General Proviso No. 9; (f) Signature of the responsible official as required by General Proviso No. 9. 	<p>ADEM Admin. Code R. 335-3-16-.05(c)(3)</p>

Summary Page for Two (2) - 25.0 MMBtu/hr Natural Gas and No. 2 Fuel Oil Fired Boilers

Permitted Operating Schedule: 24 Hrs/day x 7 Days/week x 52 Weeks/yr = 8760 Hrs/yr

Emission limitations:

Emission Point #	Description	Pollutant	Emission limit	Regulation
EU010	Two (2) – 25.0 MMBtu/hr Natural Gas and No. 2 Fuel Oil Fired Boilers	PM	$E = 1.38H^{-0.44}$	ADEM Admin. Code R. 335-3-4-.03
EU010	Two (2) – 25.0 MMBtu/hr Natural Gas and No. 2 Fuel Oil Fired Boilers	SO ₂	Combined 35,000 gallons of #2 fuel oil with a sulfur content not exceeding 0.5 percent	ADEM Admin. Code R. 335-3-14-.04
EU010	Two (2) – 25.0 MMBtu/hr Natural Gas and No. 2 Fuel Oil Fired Boilers	NO _x	N/A	N/A
EU010	Two (2) – 25.0 MMBtu/hr Natural Gas and No. 2 Fuel Oil Fired Boilers	CO	N/A	N/A
EU010	Two (2) – 25.0 MMBtu/hr Natural Gas and No. 2 Fuel Oil Fired Boilers	VOC	N/A	N/A
EU010	Two (2) – 25.0 MMBtu/hr Natural Gas and No. 2 Fuel Oil Fired Boilers	Opacity	20% opacity on six (6) minute average	ADEM Admin. Code R. 335-3-4-.01(1)(a)(b)

Provisos for Two (2) - 25.0 MMBtu/hr Natural Gas and No. 2 Fuel Oil Fired Boilers

Federally Enforceable Provisos	Regulations
<u>Applicability</u>	
1. These sources are subject to the applicable requirements of ADEM Admin. Code R. 335-3-16-.03, " <i>Major Source Operating Permits</i> ".	ADEM Admin. Code R. 335-3-16-.03
2. These units are subject to the applicable requirements of ADEM Admin. Code R. 335-3-4-.01(1), " <i>Visible Emissions</i> ".	ADEM Admin. Code R. 335-3-4-.01(1)
3. These units are subject to the applicable requirements of ADEM Admin. Code R. 335-3-4-.03(1), " <i>Control of Particulate Emissions in Fuel Burning Equipment</i> " for a Class I County.	ADEM Admin. Code R. 335-3-4-.03(1)
4. These units have enforceable limits in place in order to prevent them from being subject to the provisions of ADEM Admin. Code R. 335-3-14-.04, " <i>Air Permits Authorizing Construction in Clean Air Areas [Prevention of Significant Deterioration]</i> ".	ADEM Admin. Code R. 335-3-14-.04
<u>Emission Standards</u>	
1. Particulate matter (PM) emissions from these boilers shall not exceed the emissions limitations as specified in ADEM Admin. Code R 335-3-4-.03(1).	ADEM Admin. Code R. 335-3-4-.03(1)
2. Visible emissions (VE) from this boiler shall not exceed the emissions limitations as specified in ADEM Admin. Code R 335-3-4-.01(1).	ADEM Admin. Code R. 335-3-4-.01(1)
3. No more than a combined total of 35,000 gallons of No. 2 fuel oil shall be burned in these boilers during any consecutive twelve (12) month period.	ADEM Admin. Code R. 335-3-14-.04
4. Sulfur content of the fuel oil burned in this boiler shall not exceed 0.5% by weight.	ADEM Admin. Code R. 335-3-14-.04
5. Fuel oil shall not be burned in these boilers simultaneously with the 50.0 MMBtu/hr boiler, except during change over.	ADEM Admin. Code R. 335-3-14-.04
<u>Compliance and Performance Test Methods and Procedures</u>	
1. If testing is required, particulate matter (PM) emission shall be determined in accordance with Method 5 of 40 CFR 60, Appendix A.	ADEM Admin. Code R. 335-3-1-.05

Federally Enforceable Provisos	Regulations
2. If testing is required, sulfur dioxide (SO ₂) emissions shall be determined in accordance with Method 6 of 40 CFR 60, Appendix A.	ADEM Admin. Code R. 335-3-1-.05
3. If testing is required, nitrogen oxides (NO _x) emissions shall be determined in accordance with Method 7 of 40 CFR 60, Appendix A.	ADEM Admin. Code R. 335-3-1-.05
4. If testing is required, volatile organic compound (VOC) emissions shall be determined in accordance with Method 25 of 40 CFR 60, Appendix A.	ADEM Admin. Code R. 335-3-1-.05
5. If testing is required, carbon monoxide (CO) emissions shall be determined in accordance with Method 10 of 40 CFR 60, Appendix A.	ADEM Admin. Code R. 335-3-1-.05
6. Visible emissions observations (VEO) shall be conducted in accordance with Method 9 40 CFR 60, Appendix A.	ADEM Admin. Code R. 335-3-1-.05
7. The sulfur content of fuel oil burned in this boiler shall be determined by procedures found in ASTM 129-00.	ADEM Admin. Code R. 335-3-1-.05
<u>Emission Monitoring</u>	
1. When firing fuel oil, an observation of instantaneous visible emissions from the stacks associated with these units shall be accomplished daily by an individual certified to determine opacity.	ADEM Admin. Code R. 335-3-16-.05
2. If the observed instantaneous opacity is greater than ten (10%) percent, a visible emissions observation shall be conducted within thirty (30) minutes of the observation in accordance with 40 CFR 60 Appendix A, Method 9 for a minimum of twelve (12) consecutive minutes.	ADEM Admin. Code R. 335-3-16-.05
3. If the average opacity during the Method 9 visible emission observation exceeds ten (10%) percent, corrective action must be initiated within two (2) hours.	ADEM Admin. Code R. 335-3-16-.05
4. Compliance with the fuel oil sulfur content limit shall be determined from either a certification provided by the fuel oil supplier or laboratory test results obtained by the permittee.	ADEM Admin. Code R. 335-3-16-.05
<u>Recordkeeping and Reporting Requirements</u>	

Federally Enforceable Provisos	Regulations
<ol style="list-style-type: none"> 1. Monthly, and twelve (12) month rolling total natural gas and fuel oil usage in this boiler must be kept in a form suitable for inspection. The records also shall be retained in a permanent form suitable for inspection for at least five (5) years from the date of generation and shall be made available upon request. 2. If utilized, fuel oil supplier certificates shall contain the name of the oil supplier and a statement from the oil supplier that the oil complies with the sulfur content limit, and shall be kept in a permanent form suitable for inspection for a period of five (5) years from the date of generation and shall be made available upon request. 3. A semi-annual report summarizing the type and quantity of each fuel burned in this unit shall be submitted to the Department within sixty (60) days of the end of each semi-annual reporting period as determined by the anniversary dates of the permit. The semi-annual monitoring periods shall cover the following dates: September 1st through February 28th, and March 1st through August 31st of each calendar year. This report shall include the following: <ol style="list-style-type: none"> (a) Calendar dates covered in the reporting period; (b) Amounts of each fuel combusted in this unit during the reporting period; (c) Twelve (12) month rolling total of each fuel burned in this boiler during the reporting period; (d) A tabulated summary of fuel oil supplier certification(s); (e) A statement of certification of truth, accuracy, and completeness as described in General Proviso No. 9. (f) Signature of the responsible official as required by General Proviso No. 9. 4. Records of the observation date, observation time, emission point designation, name of the observer, expiration date of observer's certification, observed opacity, and any corrective actions taken during each visible emissions observation shall be kept in a permanent form suitable for inspection. These records shall be maintained for a period of at least five (5) years from the date of generation and shall be made available to the permitting authority upon request. 	<p>ADEM Admin. Code R. 335-3-16-.05(c)(2)</p> <p>ADEM Admin. Code R. 335-3-16-.05(c)(2)</p> <p>ADEM Admin. Code R. 335-3-16-.05(c)(3)</p> <p>ADEM Admin. Code R. 335-3-16-.05(c)(2)</p>

Federally Enforceable Provisos	Regulations
<p>5. If a visible emissions observation utilizing Method 9 is required, the results shall be documented using the ADEM visible emissions observation report. These records shall be maintained for a period of at least five (5) years from the date of generation and shall be made available to the permitting authority upon request.</p> <p>6. A semi-annual monitoring report shall be submitted to the Department within sixty (60) days of the end of each semi-annual reporting period as determined by the anniversary dates of the permit. The semi-annual monitoring periods shall cover the following dates: September 1st through February 28th, and March 1st through August 31st of each calendar year. This report shall include the following:</p> <ul style="list-style-type: none"> (a) Calendar dates covered in the reporting period; (b) All visible emissions (VE) exceedances; (c) A description of the cause of any exceedance; (d) A description of any corrective action taken; (e) A statement of certification of truth, accuracy, and completeness as described in General Proviso No. 9; (f) Signature of the responsible official as required by General Proviso No. 9. 	<p>ADEM Admin. Code R. 335-3-16-.05(c)(2)</p> <p>ADEM Admin. Code R. 335-3-16-.05(c)(3)</p>